

>NP_003108.2 hyaluronidase PH-20 isoform 1 [Homo sapiens]
MGVLKFKHIFRSFVKSSGVSQIVFTFLLIPCCLTNFRAPPVIPNPFLWAWNAPSEFC
LGKFDEPLDMSLFSFIGSPRINATGQGVITIFYVDRLGYPPYIDSITGVTVNGGIPQKISL
QDHLDKAKKDITFYMPVDNLGMAVIDWEEWRPTWARNWKPKDVYKNRSIELVQQQNVQLS
LTEATEKAKQEFKAGKDFLVETIKLGKLLRPNHLWGYYLFPDCYNHHYKKPGYNGSCFN
VEIKRNDLWSLWNESTALYPSIYLNTQQSPVAATLYVRNRVREAIRVSKIPDAKSPLPV
FAYTRIVFTDQVLKFLSQDELVYTFGETVALGASGIVIWGTLSIMRSMKSCLLLDNYMET
ILNPYIINVTLAAKMCSQVLCQEQGVCIRKNWNSSDYHLNPDNFAIQLEKGGKFTVRGK
PTLEDLEQFSEKFYCSYSTLSCKEKADVKTDAVDVCIADGVCIDAFKPPMETEETPQI
FYNASPSTLSATMFI

>XP_003318802.2 hyaluronidase PH-20 isoform X1 [Pan troglodytes]
MGVLKFKHIFRSFVKSSGVSQIVFTFLLIPCCLTNFRAPPVIPNPFLWAWNAPSEFC
LGKFDEPLDMSLFSFIGSPRINVTGQDVITIFYVDRLGYPPYIDSITGVTVNGGIPQKISL
QDHLDKAKKDITFYMPVDNLGMAVIDWEEWRPTWARNWKPKDVYKNRSIELVQQQNVQLS
LTEATEKAKQEFKAGKDFLVETIKLGKLLRPNHLWGYYLFPDCYNHHYKKPGYNGSCFN
VEIKRNDLWSLWNESTALYPSIYLNTQQSPVAATLYVRNRVQEAIRVSKIPDAKSPLPV
FVYTRIVFTDQVLKFLSQDELVYTFGETVALGASGIVIWGTLSIMRSMKSCLLLDNYMET
ILNPYIINVTLAAKMCSQVLCQEQGVCIRKNWNSSDYHLNPDNFAIQLEKGGKFTVRGK
PTLEDLEQFSEKFYCSYSTLSCKEKADVKTDAVDVCIADGVCIDAFKPPMETEESQI
FYNASPSTLSATMFIVSILFLIISSVASL

>XP_003261317.2 hyaluronidase PH-20 [Nomascus leucogenys]
MGVLKFKHIFRSFVKSSGISQIVFTFLLIPRCLTNFRAPPVIPNPFLWAWNAPSEFC
LGKFDEPLDMSLFSLTGSPRINVTGQGVITIFYVDRLGYPPYIDSITGVTVNGGIPQKISL
QDHLDKAKQDITFYMPVDNLGMAVIDWEEWRPTWARNWKPKDVYKNRSIELVQQQNVQLS
LAEATEKAKQEFKAGKDFMVETIKLGKLLRPNHLWGYYLFPDCYNHHYKKPGYNGSCFN
VEIKRNDLWSLWNESTALYPSIYLNTQQSPVAATLYVRNRVREAIRVSKIPDAKSPLPV
FVYARIVFTDQVLKFLSRDELVYTLGETVALGASGIVIWGSLSIVRSMKSCLLLDNYMET
ILNPYIINVTLAAKMCSQVLCQEQGVCIRKDNSSDYHLNPDNFAIQLEKGGKFTVRGK
PTPEDLEQFSEKFYCSYSTLSCKERADVKTDAVDVCIADGVCIDAFKPPKETEESQI
FYNASPSTLSATMFIVSILFLIISSVSL

>XP_001086882.2 hyaluronidase PH-20 [Macaca mulatta]
MGVLKFKHIFRSFVKSSGVSQIVFTFLLIPCCLTNFRAPPVIPNPFLWAWNAPSEFC
LGKFNEPLDMSLFTLMGSPRINITGQGVITIFYVDRLGYPPYIDLTTGVTVHGGIPQKVSL
QDHLDKSKQDILFYMPVDNLGMAVIDWEEWRPTWARNWKPKDVYKNRSIELVQQQNVQLS
LPQATDKAKQEFKAGKDFMLETIKLGRSLRPNHLWGYYLFPDCYNHHYRKPGEYNGSCFD
VEIKRNDLWSLWNESTALYPSIYLNTQQSVVATLYVRNRVREAIRVSKIPDAKNPLPV
FVYARLVFTDQVLKFLSREELVSTLGETVALGASGIVIWGSLSITRSMKSCLLLDTYMET
ILNPYIINVTLAAKMCSQVLCQEQGVCIRKDNSSDYHLNPDNFDIRLEKGGKFTVHGK
PTVEDLEEFSEKFYCSYTNLSCKEKADVKTDAVDVCIADGVCIDASLKPPVETEGSPP
IFYNTSSSTVSTTMFIVIILFLIISSVSL

>NP_001076141.2 hyaluronidase PH-20 precursor [Oryctolagus cuniculus]
MGVLKFKHIFFGSAVEFNRAFQILYIFLLIPCCLTANFRAPPVIPNPFLWAWNAPTELC
LGKSGEPLDTSLSLFGSPSKDKTGQGITIFYVDRLGYPPHIDSKNVSVHGGIPQLGPL
QQHLDKAKKDILYYMPTDNVGLAVIDWEEWRPTWLRNWKPKDIYRIKSIELVQQQNPQIN
LTEATKLAKIEFEKAGKCFMEETLKLGRLEFRPNHFWGYLFPDCYNHNYDKPNYKGICFD
IEKKRNDLWLWKESTALFPSVYLKSSLQSSPKAALFVRNRVQEAIRVSEVPNAKSPL

PIFVYTRLVFTDKIFQFLSQDDLVTIGETVALGASGIVVWGSHTLARSMKSCNLDDYM
KNILNPYLINVTLAAKMCNQVLCQEQGVCTRKNWDSNDYLHLNPGNFAIQIGNNGTYKVD
GKPTLTDLEQFSKNFQCSCYTNLNCKERTDMNNVQTVNVCAVENVCIDTNVGPQAVTYAP
KEKKDVAHILSNTTSINSSTTM

>XP_002919069.1 hyaluronidase PH-20 [Ailuropoda melanoleuca]
MAVLRFRQIRFFRSFVSGRATPVVLTFLIPCCLTQEFRAPPFIPNVSFLWGNAPTELC
AQKFNVQLDLNLFSLIGSPQKSATGQGITLFYANRLGYYPHIDEKTGKNVNGGIPQSGNL
KKHLEKAKKDIAYYIQTDSIGLAVIDWENWRPIWVRNWKPKDIYKHQSIELVQQHHIELN
VTEATKIAKADFEKAGKCFMQETLKLGLKSLRPNYLWGYYLFPDCYNHNYKKPDYNGSCSD
LEKKRNDLNMWKESTALFPSIYLNTKLKSSPYAALYVRNRVWEAIRISQVSSVKHPL
PIFVYARPVFTDVSLKYLSDDLVTIGETVSLGVSGIIMWGSNLNSQNVQSCTELDNYM
TNTLNPYIINVTLAAKMCNQVLCQEQGVCTRKHWNSSNDYLHLNPDNFAIQLEKSGRYTVQ
GKPTLEDLQQFSKNFYCSCYANVRCKERVDMTEIHTVKVCVAADVCIDSFL

>NP_999176.1 hyaluronidase PH-20 [Sus scrofa]
MGVQRLQHISFRSFFVPSGAPQVVFTELLIPCCALDFRASPIIPNTTFLWVWNAPTESC
AKKFYMPDLSLFSFVTSPRASVTGQFLTFYANRLGYYPHVDENTGKNVNGGIPQLGSL
QRHLDKAEKDILHYMQIDKVLGSVIDWENWRPTWERNWKEKAIYRRQSIELVQQKNIKLT
PAAATKLAKREFEKAGKTFMQETLKLGLKLLRPNHLWGYYLFPDCYNHNYHKPGYNGSCLD
IEKRRNDALDWLWKESTALFPSIYLNTRLKPSQVALFVRNRVQEAIRVSKVANAQSPPLV
FVYTRPVFSGASSRYLSQDDLVTIGETVALGASGIVMWGSNLNSLTMQSCMNLGSYLKT
TLNPYLINVTLAAKMCSQVLCQEQGVCTRKHWNSSNDYLHLNPNFAIRTGKGNKYIVHGK
PTLEDLKEFSKNFYCSCFANFHCKERADIENIHAINVCITEDVCVEAFL

>XP_002686960.3 hyaluronidase PH-20 [Bos taurus]
MLRHQHISFRNFVGSNGAPQAVFTFLVPCCLALNFTAPPLIPNIPFLWAWNAPTNHCAE
IFSMPPDLGLFSLVGSPQKDVGTGPITLFYADRLGYYPKINERTGVHKNNGGIPQVASLKK
HLDKAEKDIAYYMPIDNVGLAVIDWENWRPTWVRNWKPKDVYKKASIELVLQQNRHFTLK
EATKRAKADFEKAASFMQETLKLGLKFLRPNHLWGYYLFPDCYNHHYNQANYNGSCFDEE
KRRNDALNWLWKESTALYPSVYLNTKLKSSPQARLFVRNRVQEAIRLSKVANVKSPLPVF
VYTRPVFSDMSSKFLSQDDLVTIGESIALGASGIIMWGSFNLSLTKQSCMNLSNYLNTI
LNPYIINVTLAAKMCSQVLCHEEGVCTRKHWNSTDYHLNPMNFAIQRKRYGKYTIHGKP
TLEDLLQFSENFYCSCYANIHCKKRDIKNIHTINVCFADVCINASL

>NP_001008413.3 sperm adhesion molecule 1 precursor [Bos taurus]
MRMLRRHHISFRSFGSSGTPQAVFTFLLLPCCALDFRAPPLISNTSFLWAWNAPVERC
VNRRFQLPPDLRLFSVKGSPQKSATGQFITLFYADRLGYYPHIDEKTGKTVFGGIPQLGN
LKSHLEKAKNDIAYYIPNDVGLAVIDWENWRPTWVRNWKPKDVYRDESVELVLQKNPQL
SFPEASKIAKVDFETAGKSFMQETLKLGLKLLRPNHLWGYYLFPDCYNHNNHQPTYNGNCP
DVEKRRNDLLEWLWKESTALFPSVYLNIRLKSTQNAALYVRNRVQEAIRLSKIASVESPL
PVFVYARPVFTDGSSTYLSQGDVNSVGEIVSLGASGIIMWGSNLNSLSMQSCMNLGTYL
NTTLNPYIINVTLAAKMCSQVLCHEEGVCTRKHWNSSNDYLHLNPMNFAIQTGEGGKYTVP
GTVTLEDLQKFSDTFYCSCYANIHCKKRVDIKNVHVSNNVCAEDICIDSPVKLQPSDHSS
SQEASTTTFSSISPSTTTATV

>XP_003502178.1 hyaluronidase-5-like [Cricetulus griseus]
MRVLCLKHSFSGSFLESNGAPQTVLVFLLPCCLTGDFRAPPLIPNVFPLWVWNAPTESC
LTKFNEPLDLSLFSLVGSPKKSATGQPITIFYTDRLGFYPHIDDSNKSIIHGVPQLGSL
KSHLEKARDDIYYMPIDNVGLAVIDWEDWRPTWSRNWKPKDIYKHKSIELVKQQNKQLN

>NP_001166492.1 hyaluronidase PH-20 precursor [Cavia porcellus]
MGAFTFKHSFFGSFVECSGVLQTVFIFLLIPCLADKRAPPLIPNVPLLWVWNPATEFC
IGGTNQPLDMSFFSIVGTPRKINITGQSITLYYVDRLGYYPYIDPHTGAIVHGGLPQLMNL
QQHLRKSQDILFYMPDTSVGLAVIDWEEWRPTWTRNWRPKDIYRNKSIELVKSQHPQYN
HSYAVAVAKRDFERTGKAFMLETLKLGKSLRPSSSLGWYYLPDCYNTHFTKPNYDGHCPP
IELQRNNDLQWLWNDSTALYPSVYLTSVRSSQNGALYVRNRVHESIRVSKLMDDKNPLP
IYVYIRLVFTDQTTTTFLEDDLHVSUGEIVPLGVSGIIIWGSLSLTRSLVSCIGLENYMK
GTLLPYLINVTLAAMCGQVLCKNQGICTRKDWNTNTYLHLNATNFDIELQQNGKFVVHG
KPSLEDLQEFSKNFHCSCYTNVACKDRLDVHNVRSVNVCTANNICIDAVLNFPSLDDDDDE
PPT

>XP_001507937.2 hyaluronidase PH-20 [Ornithorhynchus anatinus]
RLPHLSSGSWAVCCQASWVAVVLQLLPWCMALDIQAPPMIPNLPFLSAWNAPTLCAQKH
DVELDMSLFLSLVGSTRQEIKGNITLFYTDRLGYPPYIDEVTGKSVNTGLPQLCPLDLHL
TKAKEDIVNYMPSAEKSGLAVIDWENWRPLWIRNWKPKDIYRNRSELVQKQDVTNLFSE
AWNIAKVDFEKAARNFMQQSLKLGKTLRPNRLWGFYLPDCYNHNYKSPNYNGSCFDIEK
ARNDLQWLWKESTALFPSIYLDTLGRNSGYAPLFVRNRVQEAIRVSKVADPLNPLPIFV
YTRPVFTNAPSNYLSQIDLVTNIGECAALGVSGTVMWGSNLNLRVSKTCRILDNYMRMTL
NPYIINVTLAAMCSQVLCERGACVRKAWNSSDYHLNPNANFVIHTTEDGRYLVNGKPT
YADLKQFSKKFTCRCFAGSSCKTVNVNTTTSFIYVCIADDICIEADLNSNLSEEDFS
NSS

>XP_003502177.1 hyaluronidase PH-20 [Cricetulus griseus]
MGGGLPLKHLFWGSFVVSRA¹TFTVLIIFLLIPCSLTVDYRGGPLLPSEILIVWVNVPTEA

CIGNFSHSIDLSPFIVGSPRKTATGQPVTLFYVDRLGYYPHLDTKLAEEHGGIPQLGN
LKNHLDKSKTDIEHYIPVDKFLAVIDWEEWRPTWMRNWKPKDVYRNKSIALVQANNAGI
SIEDATQKAKDEFETAGRHFMEETLKLKGSVRPRHLWGYYLFPDCYNNKFQDPKYDGNCP
PVEKQRNDALSWMWKESTGLYPSVYLKKDLGSNRQAALYVRYRVVESVRVSKVRSEKDPV
PIFVYIRLVFTDNTSEYQLQEVDLVNTIGEIVALGPAGIIWDAMSLAQRAPGCPILHQYL
KTTLNPIIINVTLAAMCSQTLCEEKGVCSSKKNESDVLHLNPSQFYIELTKTGTYEVEH
GYPRVADLQYFSEHFQCSCFTNMDCQETPDIEDIMDVNVCIGDNICIKAEVEP

>XP_002190553.4 hyaluronidase PH-20 [Taeniopygia guttata]
ASGVVFATLLVSCSSLNIRARPLLSNSPFLSIWNAPTELCTERTGVQLDMNFFPLIGST
LKTSVGQNITLFYPDRIGYYPYKNEITGEAFNGGLPQLSLENHLKKAREDIQFYIPSDE
QLGLAVIDWENWRPVWIRNWGSKDIYRQESIELVQQRDLSISEAESRTIAKMEFEFAAKS
FMLETLLKGIETKPNRLWGYYLYPDCYNYDYKQNPHTYTGACLDIEIERNNELNWLWEKS
TALYPSIYLETALKSSRNAQLFVRNRVQEAIRTSYVANSSHPLPVFVYTRPVFTDVYEEY
LSEDDLVTIGESAALGASGIVIWGDMNLTQNKNTCRTLDNYLRRTLTPLYINVTMAARI
CSQVLCQDSGACARKKWNSSDYLHLNPNIAIQMTKDGKYTLQGQPSYQDLQTFIEKFDC
HCYAGHSCEPRADINDIHYLHACISEDICI

>XP_002932242.3 hyaluronidase PH-20 [Xenopus tropicalis]
MERVNCEHILYKKLLCILCSFLIHTCQSMMDKAPTNGPANFMAIWNAPTELC
MRKFVKNIDISLFQITGSPESSITIAQNITIFYTDRLGYYP SINETNGKITNGGIPQLTNM
DFHLKKVKEDIEYYLPYSKQNGLAVIDWEDWRPIWIRNWASKAVYKMNSIEFARQMDITM
THKKAALIAEAQFESAAQNFMQLTLRLGKAMRPNYLWGFYLPNCYNYHYKSNPKQYKGH
CPEVEIQRNKHLHLWKESTALFPNVYLEVALKSSNNAVMFARHRIQEARRLSSLSKF
TLPIYVYTRPVFTDQPKFLSEVDLANVIGEIAALGADGFVMWGEIKNMTQSKKTCTDLN
SYLVKILNPYIINVTLAALKCSHVLCQDNGLCTRKNWNTNTYLHLNSNTLAIEQKNGKY
TIKGHATHEDLTYFSKHQCHCNAGRKCKETFNLKNIGLVNVCLPNSNICVKA

>NP_001082194.1 sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding) L homeolog [Xenopus laevis]
FQHVLCCKKICILLFCFITSCQSMMDKAPTNGLSNFMAIWNAPTELCLOKF
KVKIDVSLFQIVGTTFNSSIAQNITIFYTDRLGHYPSINETNGKISKGGIPQLTNMAFHL
KKAKEDIEYYLPSSKQHGLAVIDWEEWRPLYTRNWASKAVYKKQSIEFAQQMDITMTHKK
AVGIAAAQFESAANKLMLETLLKLGKTMRPNYLWGFYLPNCYNYHYKSNPKQYTGHCPL
EIQRNDKHLHLWKESTALFPNIYLEVALKSSSNAALFARHRIQEARRLSTFSKYAVPI
YVYTRPVFTNRPDFTLSEVDLANVIGEIAALGADGFVMWGDVINMTQSKKACTDLNSYLL
KILNPYIINVTLAALKCSHVLCQDNGLCTRKHWDNTNTYLHLNSKTLEIEQKNGKYTVG
NPTYEDLTYFSKNFKCLCYAGRTCKELIHLQIIGLVNICLPKSNICIKA

>XP_002919077.1 hyaluronidase-4 [Ailuropoda melanoleuca]
MKVLSEGQLRFCVWPPIHLTSCLVIFIILKSISSLKPARLPYQRPFIAAWNAPTDQC
LIKYNIGLNLKMFQVIGSPLAKARGQNVITIFYVNRLLGYYPWYTSQGVPIINGGLPQNISL
QVHLEKADQDINYYIPAEDFSGLAVIDWEYWRPQWARNWNTKDYYRQKSRKLISDMQENI
SATDIEDLAKETFEESAKAFMKETIELGMKSRPKGLWGYYLYPDCHNPNVYAPNYTGSCP
EEEVLRNNELSWLWNSSTALYPSIGVRKSLGDNENILRFSQFRVHESMRISTMTSHDYAL
PVFVYTRLGYRNEPLFFLSKQDLISTIGESAALGAAGIVIWGDMNLTSSSEGNCTKVKQYV
SSDLGSYIVNVTKAAEVCSLHLCRRNGRCRRKVKAPDYHLNPNASYHIEASQDGEFTVQ
GKASDTDLKAMEEKFSCHCYQGYEGADCRGKKTADGC

>XP_002712114.1 hyaluronidase-4 [Oryctolagus cuniculus]

PIYQRKPFIAAWNAPTDQCLMKYNLKLNLKMFQVIGSPLAKARGQNVTIFYVNRLGYYPW
YTSEGVPIINGGLPQNISLQVHLEKADQDINYYIPAKDFSGLAVIDWEYWRPQWARNWNT
KDVYRQKSRKLISDMQANVSATDIEYLAKATFEESAKAFMKETLKLGIKSRPKGLWGYYL
YPDCHNYNIYAPNYTGSCPEEEVLRNNELSWLWNSSAALYPSIGVRKALGDSENILRFSQ
FRVHESLRVSTMTSHNCSLPVFVYTRLGYRDEPLFFLSKQDLISTIGESAALGAAGIVIW
GDMNLTSSKGNCTKVQKQFVGSDLGRYIVNVTRAAEVCSLHLCRNNGRCIRKMWRAPDYLH
LNPA SFHIAASEDEGEFIVKGKVS DTLAVMAEF SCHCYQGYEGADCREMKTVDGC

>XP_532444.4 LOW QUALITY PROTEIN: hyaluronidase-4 [Canis lupus familiaris]
LLIFFILKSISSLKPARLPYIYQRKPFIAAWNAPTDQCLIKYNIGLNLKMFQVIGSPLAKA
RGQNITIFYVNRLGYYPWYTSQGVPIINGGLPQNISLQVHLEKADQDINYYIPAEDFNGL
AVIDWEYWRPQWARNWNTKDVYRQKSRKLISDMQENVSATDIEYLAKATFEESAKAFMKE
TIELGIKSRPKGLWGYYLYPDCHNINVYAPNYTGSCPEEEVLRNNELSWLWNSSAALYPS
IGVRKSLDENILRFSRFRVHESLRISTMTSHDYALPIFVYTRLGYRNEPLFFLSKQDL
ISTIGESAALGAAGIVIWGDMNLTSSSEGNCTKVQKQVSSDLGHYIVNVTRAAEVCSIHLC
RSNGRCIRKVMKAPDYLHLNPASYHIEASKDGEFIVKGKASDMDLEALEESFSCHCYQGY
EGADCRGKTADGC

>XP_002818436.2 hyaluronidase-4 [Pongo abelii]
PIYQRKPFIAAWNAPTDQCLIKYNLRLNLKIFPVIGSPLAKARGQNVTIFYVNRLGYYPW
YTSQGVPIINGGLPQNISLQAHLEKADQDINYYIPAEDFSGLAVIDWEYWRPQWARNWNA
KDVYRQKSRKLISDMGKNVSATDIEYLAKVTFEESAKAFMKETIKLGIKSRPKGLWGYYL
YPDCHNINVYAPNYTGSCPEDEVLRNNELSWLWNSSAALYPSIGVWKS LGDSENILRFSK
FRVHESMRISTMTSHDYALPVFVYTRLGYRDEPLFFLSKQDLVSTIGESAALGAAGIVIW
GDMNLTSSKANCTKVQKQFVSSDLGSYIANVTRAAEVCSLHLCRNNGRCIRKMWNAPSYLH
LNPTSYHIEAAEDGEFTVKGKASDSDLAVMADTF SCHCYQGYEGADCRETKTADGC

>NP_084124.1 hyaluronidase-4 [Mus musculus]
PVYQRKPFIAAWNAPTDLCLIKYNLTNLKVFQMVGSPRLKDRGQNVVIFYANRLGYYPW
YTSEGVPIINGGLPQNTSLQVHLKKAADQDINYYIPSENFSGLAVIDWEYWRPQWARNWNT
KDIYRQKSRTLISDMKENISAADIEYSAKATFEKSAKAFMEETIKLGSKSRPKGLWGYYL
YPDCHNINVYATNYTGSCPEEEVLRNNDL SWLWNSS TALYPAVSIRKSFADSENTLHFSR
FRVRESLRISTMTSQDYALPVFVYTQLGYKEEPLFFLSKQDLISTIGESAALGAAGIVVW
GDMNLTSSSEENCTKVNRFVNSDFGSYIINVTRAAEVCSRHLCKNNGRCVRKTWKAHYLH
LNPA SYHIEASEDEGEFIVRGRASDSDLAVMAENFLCHCYEGYEGADCRE

>XP_003134772.2 hyaluronidase-4 isoform X2 [Sus scrofa]
LLIFFILKSISSLKPARLPVYQRKPFIAAWNAPTDQCLIKYNVRLNLKMFQVIGSPLARA
RGQNVTIFYVNRLGYYPWYTAQGVPIINGGLPQNISLQVHLEKADQDINYYIPSEDFSGL
AVIDWEYWRPQWARNWNTKDVYRQKSRKLISELQENVSMADIEYLAKTTFEESAKAFMKE
TIELGIKSRPKGLWGYYLYPDCHNINVYAPNYTGSCPEEEVLRNNELSWLWNSSAALYPS
ISVRKSLGDSENTLRF SQFRVHESMRISTVTSHGYALPVFVYTRLGYRDQPLFFLSKQDL
ISTIGESAALGAAGFVIWGDMNLTSSSEGNCTKVQKQFVSSDLGHYVVNVTRAAEVCSLHLC
RNNGRCLRKVMKAPDYLHLNPASYRIEASEDEGEFTVKGRASDRDLAVLVERFSCHCYQGY
EGTDCREMKRADGC

>NP_036401.2 hyaluronidase-4 [Homo sapiens]
PIYQRKPFIAAWNAPTDQCLIKYNLRLNLKMFPVIGSPLAKARGQNVTIFYVNRLGYYPW
YTSQGVPIINGGLPQNISLQVHLEKADQDINYYIPAEDFSGLAVIDWEYWRPQWARNWNS
KDVYRQKSRKLISDMGKNVSATDIEYLAKVTFEESAKAFMKETIKLGIKSRPKGLWGYYL

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