

Hyaluronidase-2 (HYAL2) Recombinant Protein | HYAL2 recombinant protein

Recombinant Human Hyaluronidase-2 (HYAL2)

CATALOG # AAA116947	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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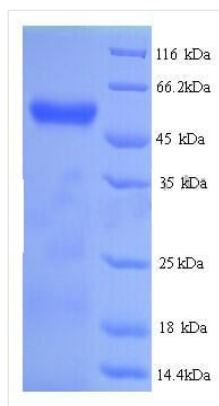
PRODUCT SYNONYMS

Hyaluronidase-2 (HYAL2); Recombinant Human Hyaluronidase-2 (HYAL2); HYAL2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-448. Full Length of Mature Protein
Sequence	MELKPTAPPI FTGRPFVVAW DVPTQDCGPR LKVPLDLNAF DVQASPNEG F VNQNITIFYR DRLGLYPRFD SAGRSVHGGV PQNVSLWAHR KMLQKRVEHY IRTQESAGLA VIDWEDWRPV WVRNWQDKDV YRRLSRQLVA SRHPDWPPDR IVKQAQYEFE FAAQQFMLET LRYVKAVRPR HLWGFYLPD CYNHDYVQNW ESYTGRCPDV EVARNDQLAW LWAESTALFP SVYLDETLAS SRHGRNFVSF RVQEALRVAR THHANHALPV YVFTRPTYSR RLTGLSEMDL ISTIGESAAL GAAGVILWGD AGYTTSTETC QYLKDYLTR LVPYVVNVSW ATQYCSRAQC HGHGRCVRRN PSASTFLHLS TNSFRLVPGH APGEPQLRPV GELSWADIDH LQTHFRCQCY LGWSGECQW DHRQAAGG
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HYAL2 recombinant protein	This gene encodes a protein which is similar in structure to hyaluronidases. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. Varying functions have been described for this protein. It has been described as a lysosomal hyaluronidase which is active at a pH below 4 and specifically hydrolyzes high molecular weight hyaluronan. It has also been described as a GPI-anchored cell surface protein which does not display hyaluronidase activity but does serve as a receptor for the oncogenic virus Jaagsiekte sheep retrovirus. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. This gene encodes two alternatively spliced transcript variants which differ only in the 5 UTR.
Product Categories/Family for HYAL2 recombinant protein	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	15022801
NCBI GeneID	8692
NCBI Accession #	NP_003764.3
NCBI GenBank Nucleotide #	NM_003773.4
UniProt Accession #	Q12891; O15177; Q9BW29; B3KRZ2
Molecular Weight	51.3 kDa
NCBI Official Full Name	hyaluronidase-2
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 2
NCBI Official Symbol	HYAL2
NCBI Official Synonym Symbols	LUCA2
NCBI Protein Information	hyaluronidase-2
UniProt Protein Name	Hyaluronidase-2
UniProt Gene Name	HYAL2
UniProt Synonym Gene Names	LUCA2; Hyal-2; LuCa-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hyal2-recombinant-protein-e-coli/116947>