

Hyaluronidase-1 Recombinant Protein | HYAL1 recombinant protein

Recombinant Human Hyaluronidase-1

CATALOG # AAA117623	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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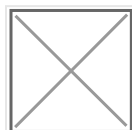
PRODUCT SYNONYMS

Hyaluronidase-1; Recombinant Human Hyaluronidase-1; Hyaluronoglucosaminidase-1; Lung carcinoma protein 1; LuCa-1; HYAL1 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	22-435aa; Full Length of Mature Protein
Sequence	FRGPLLPNRP FTTVWNANTQ WCLERHGVDV DVSVFDVVAN PGQTFRGPDM TIFYSSQLGT YPYTPTGEP VFGGLPQNAS LIAHLARTFQ DILAAIPAPD FSGLAVIDWE AWRPRWAFNW DTKDIYRQRS RALVQAQHPD WPAPQVEAVA QDQFQGAARA WMAGTLQLGR ALRPRGLWGF YGFPDCYNYD FLSPNYTGQC PSGIRAQNDQ LGWLWGQSRA LYPYIYMPAV LEGTGKSQMY VQHRVAEAFR VAVAAGDPNL PVLPHYVQIFY DTTNHFLPLD ELEHSLGESA AQGAAGVVLW VSWENTRTKE SCQAIKEYMD TTLGPFILNV TSGALLCSQA LCSGHGRCVR RTSHPKALLL LNPASFSIQL TPGGGPLSLR GALSLEDQAQ MAVEFKCRCY PGWQAPWCER KSMW
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HYAL1 recombinant protein	May have a role in promoting tumor progression. May block the TGFβ1-enhanced cell growth.
Product Categories/Family for HYAL1 recombinant protein	Cancer
References	Purification, cloning, and expression of human plasma hyaluronidase.Frost G.I., Csoka A.B., Wong T., Stern R.Biochem. Biophys. Res. Commun. 236:10-15(1997) Regulation of hyaluronidase activity by alternative mRNA splicing.Lokeshwar V.B., Schroeder G.L., Carey R.I., Soloway M.S., Iida N.J. Biol. Chem. 277:33654-33663(2002) Structure of human hyaluronidase-1, a hyaluronan hydrolyzing enzyme involved in tumor growth and angiogenesis.Chao K.L., Muthukumar L., Herzberg O.Biochemistry 46:6911-6920(2007) Mutations in HYAL1, a member of a tandemly distributed multigene family encoding disparate hyaluronidase activities, cause a newly described lysosomal disorder, mucopolysaccharidosis IX.Triggs-Raine B., Salo T.J., Zhang H., Wicklow B.A., Natowicz M.R.Proc. Natl. Acad. Sci. U.S.A. 96:6296-6300(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497562
NCBI GeneID	3373
NCBI Accession #	NP_149349.2
NCBI GenBank Nucleotide #	NM_033159.3
UniProt Accession #	Q12794; Q6FH23; Q6PIZ6; Q7KYU2; Q7LE34; Q8NFK5; Q8NFK6; Q8NFK7; Q8NFK8; Q8NFK9; Q93013; Q9UKD5
Molecular Weight	48.1 kDa
NCBI Official Full Name	hyaluronidase-1 isoform 1
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 1
NCBI Official Symbol	HYAL1
NCBI Official Synonym Symbols	MPS9; NAT6; LUCA1; HYAL-1
NCBI Protein Information	hyaluronidase-1
UniProt Protein Name	Hyaluronidase-1
UniProt Gene Name	HYAL1
UniProt Synonym Gene Names	LUCA1; Hyal-1; LuCa-1
UniProt Entry Name	HYAL1_HUMAN

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://stage.aaabiotech.com/hyal1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117623>