Hyaluronidase (HYA) Dolichovespula Maculata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hyaluronidase, Recombinant Protein
Full Product Name	Recombinant Dolichovespula maculata Hyaluronidase
Product Gene Name	Hya recombinant protein
Sequence	SERPKRVFNI YWNVPTFMCH QYGLYFDEVT NFNIKHNSKD DFQGDKISIF YDPGEFPALL PLKEGNYKIR NGGVPQEGNI TIHLQRFIEN LDKTYPNRNF NGIGVIDFER WRPIFRQNWG NMMIHKKFSI DLVRNEHPFW DKKMIELEAS KRFEKYARLF MEETLKLAKK TRKQADWGYY GYPYCFNMSP NNLVPDCDAT AMLENDKMSW LFNNQNVLLP SVYIRHELTP DQRVGLVQGR VKEAVRISNN LKHSPKVLSY WWYVYQDDTN TFLTETDVKK TFQEIAINGG DGIIIWGSSS DVNSLSKCKR LREYLLTVLG PITVNVTETV N
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	38,929 Da
Sequence Positions	1-331, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P49371
Species	Dolichovespula maculata (Bald-faced hornet) (Vespula maculata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Hya recombinant protein	MBS1210166 is a recombinant protein targeting Hya. Also known as Recombinant Dolichovespula maculata Hyaluronidase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Hya recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Hya. It may not necessarily be applicable to this product.

NCBI GI #	1346322
NCBI Accession #	P49371.1
UniProt Primary Accession #	P49371
NCBI Official Full Name	Hyaluronidase
UniProt Protein Name	Hyaluronidase
UniProt Synonym Protein Names	Allergen Dol m II; Hyaluronoglucosaminidase; Allergen: Dol m 2

Protein Family	Hyaluronidase
UniProt Gene Name	Hya
UniProt Synonym Gene Names	Hya
UniProt Comments for Hya	Hydrolyzes high molecular weight hyaluronic acid to produce small oligosaccharides.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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