

Recombinant Human Hyaluronidase-2

Catalog No: #AP73043

Package Size: #AP73043-1 20ug #AP73043-2 100ug #AP73043-3 1mg

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Description

Product Name	Recombinant Human Hyaluronidase-2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-448aaSequence Info:Full Length
Other Names	Hyaluronoglucosaminidase-2Lung carcinoma protein 2 ;LuCa-2
Accession No.	Q12891
Uniprot	Q12891
GeneID	8692;
Calculated MW	51.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MELKPTAPPIFTGRPFVVAWDVPTQDCGPRLKVPLDLNAFDVQASPNEGfVnQNITIFyRDRLGLYPRFDSAG RSVHGGVPQNVSLWAHRKMLQKRVEHYIRTQESAGLAVIDWEDWRPVWVRNWQDKDVYRRLSRQLVASRH PDWPPDRIVKQAQYEFEEFAAQFMLETlRYVKAVRPRHLWGFYLFpDCYNHDYVQNWESYtGRCPDVEVAR NDQLAWLWAESTALFpSVYLDETLASSRHGRNFVfSRVQEALRVARTHhANHALPVYVfTRPTYSRRLTGLS EMDLISTIGESAALGAAGVILWGDAGYTTSTETCQYLKDYLRLLVPYVNVNSWATQYCSRAQCHGHGRCVR RNPSASTFLHLSTNSFRLVPGHAPGEPQLRPVGELSWADIDLQTHfRCQCYLGWSGEGCQWDHRQAAGG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product which is further hydrolyzed by sperm hyaluronidase to give small oligosaccharides. Displays very low levels of activity. Associates with and negatively regulates MST1R.

References

HYAL2, a human gene expressed in many cells, encodes a lysosomal hyaluronidase with a novel type of specificity.LeppepdingeR G., Strobl B., Kreil G.J. Biol. Chem. 273:22466-22470(1998)Research Topic:Cancer

Note: This product is for in vitro research use only