Mast Cell Protease 8 (MCPT8) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mast cell protease 8 (Mcpt8), Recombinant Protein
Full Product Name	Recombinant Rat Mast cell protease 8 (Mcpt8)
Product Gene Name	Mcpt8 recombinant protein
Sequence	IIWGTESKPH SRPYMASLMF YYGNSYRHYC GGFLVAKDIV MTAAHCNGSN IKVTLGAHNI KKQEKTQVIA VVKAKPHENY DRHSRFNDIM LLKLERKAQL NGAVKTIALP RSQDWVKPGQ VCTVAGWGCL ANCSLSNTLQ EVNLEVQEGQ KCEDMSRNYN DSIQLCVGNP SEGKATGKGD SGGPFVCDGV AQGIVSYRLC TGTLPRVFTR ISSFIPWIQK TMKLLQQS
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	27,486 Da
Sequence Positions	21-248, 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 P97594
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Mcpt8 recombinant protein	MBS1157809 is a recombinant protein targeting Mcpt8. Also known as Recombinant Rat Mast cell protease 8 (Mcpt8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Mcpt8 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 Mcpt8. It may not necessarily be applicable to this product.

NCBI GI #	11068133
NCBI GeneID	29269
NCBI Accession #	NP_067609.1
UniProt Primary Accession #	P97594
UniProt Related Accession #	P97594
GenBank Nucleotide #	NM_021598.2

NCBI Official Full Name	mast cell protease 8
NCBI Official Synonym Full Names	mast cell protease 8
NCBI Official Symbol	Mcpt8
NCBI Official Synonym Symbols	RMCP8; RGD1565970
UniProt Protein Name	Mast cell protease 8
UniProt Synonym Protein Names	Mast cell protease VIII; rMCP-VIII
Protein Family	Mast cell protease
UniProt Gene Name	Mcpt8
UniProt Synonym Gene Names	rMCP-8; rMCP-VIII
NCBI Protein Information	mast cell protease 8
NCBI Summary for Mcpt8	mucosal serine protease expressed in mast cells [RGD, Feb 2006]
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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