Protease Htpx Homolog (htpX) Mycobacterium Bovis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protease HtpX homolog (htpX), Recombinant Protein
Full Product Name	Recombinant Mycobacterium bovis Protease HtpX homolog (htpX)
Product Gene Name	htpX recombinant protein
Product Synonym Gene Name	htpX
Product Synonym Names	Recombinant Protease HtpX homolog (htpX); Protease HtpX homolog EC= 3.4.24.-
Sequence	MTWHPHANRL KTFLLLVGMS ALIVAVGALF GRTALMLAAL FAVGMNVYVY FNSDKLALRA MHAQPVSELQ APAMYRIVRE LATSAHQPMP RLYISDTAAP NAFATGRNPR NAAVCCTTGI LRILNERELR AVLGHELSHV YNRDILISCV AGALAAVITA LANMAMWAGM FGGNRDNANP FALLLVALLG PIAATVIRMA VSRSREYQAD ESGAVLTGDP LALASALRKI SGGVQAAPLP PEPQLASQAH LMIANPFRAG ERIGSLFSTH PPIEDRIRRL EAMARG
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	30,682 Da
Sequence Positions	1-286
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.
Chromosome Location	NC_012207.1 (655122..655982)
3D Structure	ModBase 3D Structure for C1AKP3
Species	Mycobacterium bovis (strain BCG / Tokyo 172 / 35737 / TMC 1019)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for htpX recombinant protein	MBS1189620 is a recombinant protein targeting htpX. Also known as Recombinant Mycobacterium bovis Protease HtpX homolog (htpX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of htpX 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 htpX. It may not necessarily be applicable to this product.

NCBI GI #	224988953
NCBI GeneID	7563279
NCBI Accession #	YP_002643640.1

UniProt Primary Accession #	C1AKP3
UniProt Related Accession #	C1AKP3
GenBank Nucleotide #	NC_012207.1
NCBI Official Full Name	heat shock protein HtpX
NCBI Official Symbol	htpX
UniProt Protein Name	Protease HtpX homolog
Protein Family	Protease
UniProt Gene Name	htpX
UniProt Entry Name	HTPX_MYCBT
NCBI Protein Information	heat shock protein HtpX
UniProt Comments for htpX	Cofactor: Binds 1 zinc ion per subunit By similarity. HAMAP-Rule MF_00188 Subcellular location: Cell membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_00188. Sequence similarities: Belongs to the peptidase M48B family.
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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