Capsular Polysaccharide Phosphotransferase Cps12a (cps12A) Actinobacillus Pleuropneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Capsular polysaccharide phosphotransferase cps12A (cps12A), Recombinant Protein
Full Product Name	Recombinant Actinobacillus pleuropneumoniae Capsular polysaccharide phosphotransferase cps12A (cps12A)
Product Gene Name	cps12A recombinant protein
Product Synonym Gene Name	cps12A
Sequence	MNKMNRKFSK LLKNPHIFFR DFLNKKYPIK NTELPFSESE EANLIEANQK LDKIIQKNTL QQANIDVVFT WVDGSDPSWQ AKYSQYAPNY QAKSALYATD IARFEDHNEL YYSVHAVLKY MPWVRHIFII TDNQKPKWLD ETRQEKITLI DHQDIIDKEY LPTFNSHVIE AFLHKIPNLS ENFIYFNDDV FIARELQAEH FFQANGIASI FVSEKSLSKM RDKGIITPTL SASEYSIRLL NKYYDTNIDS PLVHTYIPLK KSMYELAWLR YEKAILGFLP NKLRTNNDLN FANFLIPWLM YFEGKAMPKI DICYYFNIRS PNAISLYKKL LLKQQMGEEP NSFCANDFNS NYSIENYRNN LISTLNNYYK F
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	43,928 Da
Sequence Positions	1-371, 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 Q69AA9
Species	Actinobacillus pleuropneumoniae (Haemophilus pleuropneumoniae)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cps12A recombinant protein	MBS1330401 is a recombinant protein targeting cps12A. Also known as Recombinant Actinobacillus pleuropneumoniae Capsular polysaccharide phosphotransferase cps12A (cps12A). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cps12A 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 cps12A. It may not necessarily be applicable to this product.

NCBI GI #	75365054
NCBI Accession #	Q69AA9.1
UniProt Primary Accession #	Q69AA9

NCBI Official Full Name	Capsular polysaccharide phosphotransferase cps12A
UniProt Protein Name	Capsular polysaccharide phosphotransferase cps12A
UniProt Synonym Protein Names	Stealth protein cps12A
Protein Family	Capsular polysaccharide phosphotransferase
UniProt Gene Name	cps12A
UniProt Comments for cps12A	Part of a capsular polysaccharide synthesis locus.
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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