Probable Manganese-Dependent Inorganic Pyrophosphatase (ppaC) Streptococcus Agalactiae Serotype Ia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable manganese-dependent inorganic pyrophosphatase (ppaC), Recombinant Protein
Full Product Name	Recombinant Streptococcus agalactiae serotype Ia Probable manganese-dependent inorganic pyrophosphatase (ppaC)
Product Gene Name	ppaC recombinant protein
Product Synonym Gene Name	ppaC
Sequence	MSKILVFGHQ NPDSDAIGSS VAFAYLAKEA WGLDTEAVAL GTPNEETAYV LDYFGVQAPR VVESAKAEGV ETVILTDHNE FQQSISDIKD VTVYGVVDHH RVANFETANP LYMRLEPVGS ASSIVYRMFK ENGVSVPKEL AGLLLSGLIS DTLLLKSPTT HASDIPVAKE LAELAGVNLE EYGLEMLKAG TNLSSKTAAE LIDIDAKTFE LNGEAVRVAQ VNTVDINDIL ARQEEIEVAI QEAIVTEGYS DFVLMITDIV NSNSEILALG SNMAKVEAAF EFTLENNHAF LAGAVSRKKQ VVPQLTESYN A
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	33,597 Da
Sequence Positions	1-311, 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 Q3K0B5
Species	Streptococcus agalactiae serotype Ia
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ppaC recombinant protein	MBS1421174 is a recombinant protein targeting ppaC. Also known as Recombinant Streptococcus agalactiae serotype Ia Probable manganese-dependent inorganic pyrophosphatase (ppaC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ppaC 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 ppaC. It may not necessarily be applicable to this product.

NCBI GI #	445958164
NCBI GeneID	1014206
NCBI Accession #	WP_000036019.1

UniProt Primary Accession #	Q3K0B5
UniProt Related Accession #	Q8DYS6
GenBank Nucleotide #	WP_000036019.1
NCBI Official Full Name	MULTISPECIES: manganese-dependent inorganic pyrophosphatase
NCBI Official Symbol	ppa
UniProt Protein Name	Probable manganese-dependent inorganic pyrophosphatase
UniProt Synonym Protein Names	Pyrophosphate phospho-hydrolase
Protein Family	Manganese-dependent inorganic pyrophosphatase
UniProt Gene Name	ppaC
UniProt Synonym Gene Names	PPase
NCBI Protein Information	manganese-dependent inorganic pyrophosphatase
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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