Putative Phosphotransferase Cpr_0076 (Cpr_0076) (CPR_0076) Clostridium Perfringens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative phosphotransferase CPR_0076 (CPR_0076), Recombinant Protein
Full Product Name	Recombinant Clostridium perfringens Putative phosphotransferase CPR_0076 (CPR_0076)
Product Gene Name	CPR_0076 recombinant protein
Product Synonym Gene Name	CPR_0076
Sequence	MLTIFAVSDS IGETAQQVAM AAASQFKDNA EVKRIPYVKS LEDVEDLIKT IEDCEACMIV STIITVNVRE YLTQKCIEKN INIINVLGPI INVASTILNK YPDYNPGAMW NTDETYYKRI EAMEFAMQYD DSKDYRGLKN ADVVLVGLSR TSKTPLCMYL ANKGIKAINI PLVPEVGVPE ELYEIDKKKI FGLTINPLQL IEIRKRRLDK FHRISADIEY ASDSRILEEF EFADKILRKI GCRTIDVTQR AIEDTALIIM EKLGVK
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	30,197 Da
Sequence Positions	1-266, 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 Q0SWW1
Species	Clostridium perfringens (strain SM101 / Type A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CPR_0076 recombinant protein	MBS1381587 is a recombinant protein targeting CPR_0076. Also known as Recombinant Clostridium perfringens Putative phosphotransferase CPR_0076 (CPR_0076). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CPR_0076 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 CPR_0076. It may not necessarily be applicable to this product.

NCBI GI #	123342113
NCBI Accession #	Q0SWW1.1
UniProt Primary Accession #	Q0SWW1
NCBI Official Full Name	Putative pyruvate, phosphate dikinase regulatory protein

UniProt Protein Name	Putative pyruvate, phosphate dikinase regulatory protein
UniProt Gene Name	CPR_0076
UniProt Synonym Gene Names	PPDK regulatory protein
UniProt Comments for CPR_0076	Bifunctional serine/threonine kinase and phosphorylase involved in the regulation of the pyruvate, phosphate dikinase (PPDK) by catalyzing its phosphorylation/dephosphorylation.
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