Putative Phosphotransferase ABC1687 (ABC1687) Bacillus Clausii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative phosphotransferase ABC1687 (ABC1687), Recombinant Protein
Full Product Name	Recombinant Bacillus clausii Putative phosphotransferase ABC1687 (ABC1687)
Product Gene Name	ABC1687 recombinant protein
Product Synonym Gene Name	ABC1687
Sequence	MTNDTERLVV YIVSDSVGET AELVVKAAVS QFSGSNVELR RIPYVEDKGT IQEVVQIARK AKALIAFTLV VPEIRDFLLE SAKAANVETV DIIGPVLSKI TDLTNAKPRY EPGLIYRLDE DYFRKVEAIE FAVKYDDGRD PRGIILADIV LIGVSRTSKT PLSQYLAHKR LKVANVPLVP EVEPPEELFK ISSKKCIGLK ISPEKLNSIR TERLKALGLK SEANYANIDR IKEELEYAKK VMDRVNCPVI DVSNKAVEET ANLISSMFQR N
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	30,305 Da
Sequence Positions	1-271, Full length
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 Q5WHD3
Species	Bacillus clausii (strain KSM-K16)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ABC1687 recombinant protein	MBS1397230 is a recombinant protein targeting ABC1687. Also known as Recombinant Bacillus clausii Putative phosphotransferase ABC1687 (ABC1687). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ABC1687 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 ABC1687. It may not necessarily be applicable to this product.

NCBI GI #	499565748
NCBI Accession #	WP_011246531.1
UniProt Primary Accession #	Q5WHD3
GenBank Nucleotide #	WP_011246531.1
NCBI Official Full Name	MULTISPECIES: phosphoenolpyruvate synthase regulatory protein

UniProt Protein Name	Putative pyruvate, phosphate dikinase regulatory protein
UniProt Gene Name	ABC1687
UniProt Synonym Gene Names	PPDK regulatory protein
UniProt Comments for ABC1687	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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