Hemin Import ATP-Binding Protein Hmuv (hmuV) Pseudomonas Putida Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemin import ATP-binding protein HmuV (hmuV), Recombinant Protein
Full Product Name	Recombinant Pseudomonas putida Hemin import ATP-binding protein HmuV (hmuV)
Product Gene Name	hmuV recombinant protein
Product Synonym Gene Name	hmuV
Sequence	MLQVEGLYLC RGSNEVLHDI HLQLPPGQVV GVLGPNGAGK SSLLSVLCGE LAPDRGRVTL QGRPLADWAG QERARRLAVL PQVSSLGFSF RVEEVVGMGR MPHGTGQRRD AEIVEAALRA ADAWHLVARS YLALSGGERQ RVHLARVLAQ LWPGEEGSTL LLDEPTSMLD PLHQHTTLEA VRRFADCGAA VLVILHDLNL AARYCDRILL LEQGRCHAFA TPEAALTPAA LKAVYGIDVL VQAHPERGHP LIITR
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	27,656 Da
Sequence Positions	1-255, 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 Q88DY1
Species	Pseudomonas putida (strain KT2440)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hmuV recombinant protein	MBS1349067 is a recombinant protein targeting hmuV. Also known as Recombinant Pseudomonas putida Hemin import ATP-binding protein HmuV (hmuV). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hmuV 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 hmuV. It may not necessarily be applicable to this product.

NCBI GI #	26991371
NCBI GeneID	1042001
NCBI Accession #	NP_746796.1
UniProt Primary Accession #	Q88DY1

UniProt Related Accession #	Q88DY1
GenBank Nucleotide #	NC_002947.4
NCBI Official Full Name	hemin import ATP-binding protein HmuV
NCBI Official Symbol	hmuV
UniProt Protein Name	Hemin import ATP-binding protein HmuV
Protein Family	Hemin import ATP-binding protein
UniProt Gene Name	hmuV
NCBI Protein Information	hemin import ATP-binding protein HmuV
UniProt Comments for hmuV	Part of the ABC transporter complex HmuTUV involved in hemin import. Responsible for energy coupling to the transport system.
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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