Probable ABC Transporter ATP-Binding Protein Spy_0285/M5005_spy0242 (Spy_0285, M5005_spy0242) (SPy_0285) Streptococcus Pyogenes Serotype M1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable ABC transporter ATP-binding protein SPy_0285/M5005_Spy0242 (SPy_0285, M5005_Spy0242), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M1 Probable ABC transporter ATP-binding protein SPy_0285/M5005_Spy0242 (SPy_0285, M5005_Spy0242)
Product Gene Name	SPy_0285 recombinant protein
Product Synonym Gene Name	SPy_0285; M5005_Spy0242
Sequence	MSILEINNLH VSIEGKEILK GVNLTLKTGE VAAIMGPNGT GKSTLSAAIM GNPNYEVTQG QILLDGVNIL DLEVDERARL GLFLAMQYPS EIPGITNAEF MRAAMNAGKA DEDKISVRDF ITKLDEKMAL LGMKEEMAER YLNEGFSGGE KKRNEILQLL MLEPKFALLD EIDSGLDIDA LKVVSKGVNE MRGKDFGAMI ITHYQRLLNY ITPDLVHVMM DGRIVLSGDA ALATRLEKEG YAGIAQDLGI EYKEES
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	28,110 Da
Sequence Positions	1-256, 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 Q9A1G5
Species	Streptococcus pyogenes serotype M1
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPy_0285 recombinant protein	MBS1340340 is a recombinant protein targeting SPy_0285. Also known as Recombinant Streptococcus pyogenes serotype M1 Probable ABC transporter ATP-binding protein SPy_0285/M5005_Spy0242 (SPy_0285, M5005_Spy0242). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPy_0285 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 SPy_0285. It may not necessarily be applicable to this product.

NCBI GI #	15674460
NCBI GeneID	900580

NCBI Accession #	NP_268634.1
UniProt Primary Accession #	Q9A1G5
UniProt Secondary Accession #	Q490V7
GenBank Nucleotide #	NC_002737.2
NCBI Official Full Name	ABC transporter ATP-binding protein
NCBI Official Symbol	SPy_0285
UniProt Protein Name	Probable ABC transporter ATP-binding protein SPy_0285/M5005_Spy0242
Protein Family	Probable ABC transporter ATP-binding protein
UniProt Gene Name	SPy_0285
NCBI Protein Information	ABC transporter ATP-binding protein
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