Putative ABC Transporter ATP-Binding Protein PF0528 (PF0528) Pyrococcus Furiosus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ABC transporter ATP-binding protein PF0528 (PF0528), Recombinant Protein
Full Product Name	Recombinant Pyrococcus furiosus Putative ABC transporter ATP-binding protein PF0528 (PF0528)
Product Gene Name	PF0528 recombinant protein
Product Synonym Gene Name	PF0528
Sequence	MKQPIIVVEN LYSSYDGKNY VLRNVSFTVN EGELFGILGP NGAGKSTLVL HLNGILKAKR GRVLVSGIDV RKNPREVRKL VGIVFQDPND QLFCPTVREE VGFGPYNLGV RGKDLEDVVF NSLKLVGMEG YIDREIKSLS FGEKKRVAIA AILAMNPQIV IFDEPFANLD FKGKKLVWDV IKTLRKEGKT VIIVTHEAEY LLECDRILLL ANGEVIRVGE PGEVLIPEIL KRNNLDVPLI IELFFELGLE LPKSLDDAKR VLKSKLKLG
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	30,079 Da
Sequence Positions	1-269, 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 Q8U3E0
Species	Pyrococcus furiosus (strain 43587 / DSM 3638 / JCM 8422 / Vc1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PF0528 recombinant protein	MBS1335163 is a recombinant protein targeting PF0528. Also known as Recombinant Pyrococcus furiosus Putative ABC transporter ATP-binding protein PF0528 (PF0528). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PF0528 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 PF0528. It may not necessarily be applicable to this product.

NCBI GI #	499321153
NCBI Accession #	WP_011011645.1
UniProt Primary Accession #	Q8U3E0
GenBank Nucleotide #	WP_011011645.1

NCBI Official Full Name	ABC transporter ATP-binding protein
UniProt Protein Name	Putative ABC transporter ATP-binding protein PF0528
Protein Family	Putative ABC transporter ATP-binding protein
UniProt Gene Name	PF0528
UniProt Comments for PF0528	Probably part of an ABC transporter complex. 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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