Adenine Phosphoribosyltransferase (apt2) Methanococcus Maripaludis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenine phosphoribosyltransferase (apt2), Recombinant Protein
Full Product Name	Recombinant Methanococcus maripaludis Adenine phosphoribosyltransferase (apt2)
Product Gene Name	apt2 recombinant protein
Product Synonym Gene Name	apt2
Sequence	MDLRKKIRIV ENFPIEGISF KDVTPILKDP KAMKHTTKEI AKYLEDKNVD VVVGPEARGF LFGVPVAHEL DIGFVPVRKP GKLPYKTFSV DYALEYGSDS LEIHSDGIEK GQNVAIVDDL LATGGTVLGV SKLVEKLGGH VSALNFVIEL TELKGRDKLK GYDIQSLVKY DL
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	18,982 Da
Sequence Positions	1-172, 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 Q6LZG8
Species	Methanococcus maripaludis (strain S2 / LL)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for apt2 recombinant protein	MBS1389241 is a recombinant protein targeting apt2. Also known as Recombinant Methanococcus maripaludis Adenine phosphoribosyltransferase (apt2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of apt2 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 apt2. It may not necessarily be applicable to this product.

NCBI GI #	499483964
NCBI Accession #	WP_011170604.1
UniProt Primary Accession #	Q6LZG8
GenBank Nucleotide #	WP_011170604.1
NCBI Official Full Name	adenine phosphoribosyltransferase

UniProt Protein Name	Adenine phosphoribosyltransferase
Protein Family	Adenine phosphoribosyltransferase
UniProt Gene Name	apt2
UniProt Synonym Gene Names	APRT
UniProt Comments for apt2	Catalyzes a salvage reaction resulting in the formation of AMP, that is energically less costly than de novo synthesis.
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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