Adenylyl-Sulfate Kinase (Spac1782.11) (SPAC1782.11) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenylyl-sulfate kinase (SPAC1782.11), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Adenylyl-sulfate kinase (SPAC1782.11)
Product Gene Name	SPAC1782.11 recombinant protein
Product Synonym Gene Name	SPAC1782.11
Sequence	MATNITFHPG SVTKEERIKF VGHPGMTIWM TGLSASGKST IACALEQYLL QRGVTTYRLD GDNVRFGLNS DLGFSEQDRN ENIRRIGHVA KLFADACVVA VTSFISPYRK DRDQAREFHK KDGLPFIEVY VECPVEVAEQ RDPKGLYKRA RAGEIKEFTG ISAPYEAPIS PEIVVSSHTQ SIEECVEKIV NYLLEKDLIT LK
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	22,669 Da
Sequence Positions	1-202, 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 Q9P7G9
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPAC1782.11 recombinant protein	MBS1438106 is a recombinant protein targeting SPAC1782.11. Also known as Recombinant Schizosaccharomyces pombe Adenylyl-sulfate kinase (SPAC1782.11). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPAC1782.11 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 SPAC1782.11. It may not necessarily be applicable to this product.

NCBI GI #	19115630
NCBI GeneID	2542359
NCBI Accession #	NP_594718.1
UniProt Primary Accession #	Q9P7G9

GenBank Nucleotide #	NM_001020145.2
NCBI Official Full Name	adenylyl-sulfate kinase (predicted)
NCBI Official Symbol	met14
UniProt Protein Name	Adenylyl-sulfate kinase
UniProt Synonym Protein Names	ATP adenosine-5'-phosphosulfate 3'-phosphotransferase; Adenosine-5'-phosphosulfate kinase; APS kinase
UniProt Gene Name	met14
UniProt Synonym Gene Names	APS kinase
NCBI Protein Information	adenylyl-sulfate kinase (predicted)
UniProt Comments for SPAC1782.11	Catalyzes the synthesis of activated sulfate. Required for methionine 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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