Adenylosuccinate Synthetase (TA17235) Theileria Annulata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenylosuccinate synthetase (TA17235), Recombinant Protein
Full Product Name	Recombinant Theileria annulata Adenylosuccinate synthetase (TA17235)
Product Gene Name	TA17235 recombinant protein
Product Synonym Gene Name	TA17235
Sequence	MVERRCYDKV NDKVLLISGM QWGDEGKGKL VTHLSKDFDL VARYNGGHNS GHEMYLDGVK YKLHSLPCGV LVPNTLNVLG NGVVVHLESL LSEIDGLLKL GIDLTNRLFI SERAHLVLDL HIAIDSQLES EQGEYSTTIG TTKRGIGPTN STKCKRTGIQ LGELLNWDNF EKLLTKLTYK LNHENKVFSN SDLADLLNKE LEIYKTNFSK IAHCVCDTSY MIQKYIKEGK KVFFEGANGA LLDLALGTYP YVTSSNTTTS GVYNGLGISP SVKILKVGVL KAYQTRIGQG PFPTELFDDN YVKLQKHGSE VGVTTGRTRR CGWLDLVSAK YVQGFSGFDV INLTKLDVLS QFDEVKLCTN YKHKVTGTTL KNLLPPFRYL HNTIYREFLE EGRYPNCCYQ FDEYEPVYKT MPGWKTDISD FKTFEQLPQN AQNYVLFIEE YLGVFIHWVC LFINNITFRW ELAKMLIK
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	53,154 Da
Sequence Positions	1-468, 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 Q4UAQ0
Species	Theileria annulata
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TA17235 recombinant protein	MBS1326424 is a recombinant protein targeting TA17235. Also known as Recombinant Theileria annulata Adenylosuccinate synthetase (TA17235). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TA17235 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 TA17235. It may not necessarily be applicable to this product.

NCBI GI #	84996011
NCBI GeneID	3862603
NCBI Accession #	XP_952727.1

UniProt Primary Accession #	Q4UAQ0
UniProt Related Accession #	Q4UAQ0
GenBank Nucleotide #	XM_947634.1
NCBI Official Full Name	adenylosuccinate synthetase, putative
NCBI Official Symbol	TA17235
UniProt Protein Name	Adenylosuccinate synthetase
UniProt Synonym Protein Names	IMP--aspartate ligase
UniProt Gene Name	TA17235
UniProt Synonym Gene Names	AMPSase; AdSS
NCBI Protein Information	adenylosuccinate synthetase, putative
UniProt Comments for TA17235	Plays an important role in the salvage pathway for purine nucleotide biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP ().
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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