Adenylosuccinate Synthetase 2 (Tc00.1047053508731.60), Partial (TC00.1047053508731.60) Trypanosoma Cruzi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenylosuccinate synthetase 2 (Tc00.1047053508731.60), partial, Recombinant Protein
Full Product Name	Recombinant Trypanosoma cruzi Adenylosuccinate synthetase 2 (Tc00.1047053508731.60), partial
Product Gene Name	Tc00.1047053508731.60 recombinant protein
Product Synonym Gene Name	Tc00.1047053508731.60
Product Synonym Names	Adenylosuccinate synthetase 2; AMPSase 2; AdSS 2; EC=6.3.4.4; IMP--aspartate ligase 2
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	68,471 Da
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 Q4CWX1
Species	Trypanosoma cruzi (strain CL Brener)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Tc00.1047053508731.60 recombinant protein	MBS1283231 is a recombinant protein targeting Tc00.1047053508731.60. Also known as Recombinant Trypanosoma cruzi Adenylosuccinate synthetase 2 (Tc00.1047053508731.60), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Tc00.1047053508731.60 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 Tc00.1047053508731.60. It may not necessarily be applicable to this product.

NCBI GI #	71408449
NCBI GeneID	3536681
NCBI Accession #	XP_806628.1
UniProt Primary Accession #	Q4CWX1
UniProt Related Accession #	Q4CWX1
GenBank Nucleotide #	XM_801535.1

NCBI Official Full Name	adenylosuccinate synthetase
NCBI Official Symbol	Tc00.1047053508731.60
UniProt Protein Name	Adenylosuccinate synthetase 2
UniProt Synonym Protein Names	IMP--aspartate ligase 2
UniProt Gene Name	Tc00.1047053508731.60
UniProt Synonym Gene Names	AMPSase 2; AdSS 2
UniProt Entry Name	PURA2_TRYCC
NCBI Protein Information	adenylosuccinate synthetase
UniProt Comments for Tc00.1047053508731.60	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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