Probable Valine--Trna Ligase, Mitochondrial (valS2) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable valine--tRNA ligase, mitochondrial (valS2), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Probable valine--tRNA ligase, mitochondrial (valS2), partial
Product Gene Name	valS2 recombinant protein
Product Synonym Gene Name	valS2
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	121,425 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 Q54I78
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for valS2 recombinant protein	MBS1334827 is a recombinant protein targeting valS2. Also known as Recombinant Dictyostelium discoideum Probable valine--tRNA ligase, mitochondrial (valS2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of valS2 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 valS2. It may not necessarily be applicable to this product.

NCBI GI #	268637685
NCBI GeneID	8626884
NCBI Accession #	XP_636501.2
UniProt Primary Accession #	Q54I78
GenBank Nucleotide #	XM_631409.2
NCBI Official Full Name	valyl tRNA synthetase
NCBI Official Symbol	valS2
UniProt Protein Name	Probable valine--tRNA ligase, mitochondrial

UniProt Synonym Protein Names	Valyl-tRNA synthetase; ValRS
Protein Family	Probable valine--tRNA ligase
UniProt Gene Name	valS2
UniProt Synonym Gene Names	ValRS
NCBI Protein Information	valine-tRNA ligase; valyl tRNA synthetase
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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