Argininosuccinate Synthase (argG) Rhodospirillum Rubrum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate synthase (argG), Recombinant Protein
Full Product Name	Recombinant Rhodospirillum rubrum Argininosuccinate synthase (argG)
Product Gene Name	argG recombinant protein
Product Synonym Gene Name	argG
Sequence	MKKGDVKKVV LAYSGGLDTS IILRWLQDEY DCEVVTFTAD IGQGEELEPA RQKAEMMGIK EIYIEDLREE FVRDYVFPMF RANTLYEGVY LLGTSIARPL IGKRLVEIAE ATGADAVSHG ATGKGNDQVR FELTAYALKP DIKIIAPWRT WDLHSRTKLI EYAMRHQIPV PKDKHGEAPY SMDANLLHIS YEGKALENPW TEPSEDMFRL TVSPEAAPDK AQYIEVDFER GDAVAIDGEK LTPAALLAKL NEIGGRHGVG RLDLVENRYV GMKSRGVYET PGGTILQVAH RAVESLTLDR EVMHLRDELM PRYAKLIYNG FWFAPERLML QAAIDQTQQT VTGTARLKLY KGNVSVVGRK AAKSLYRMDY VTFEEDTVYD QHDAEGFIKL NALRLRLGKM ARDS
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	45,609 Da
Sequence Positions	1-404, 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 Q2RMV0
Species	Rhodospirillum rubrum (strain 11170 / NCIB 8255)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argG recombinant protein	MBS1439673 is a recombinant protein targeting argG. Also known as Recombinant Rhodospirillum rubrum Argininosuccinate synthase (argG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of argG 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 argG. It may not necessarily be applicable to this product.

NCBI GI #	83595080
NCBI GeneID	3837208
NCBI Accession #	YP_428832.1
UniProt Primary Accession #	Q2RMV0

GenBank Nucleotide #	NC_007643.1
NCBI Official Full Name	argininosuccinate synthase
NCBI Official Symbol	Rru_A3751
UniProt Protein Name	Argininosuccinate synthase
UniProt Synonym Protein Names	Citrulline--aspartate ligase
Protein Family	Argininosuccinate synthase
UniProt Gene Name	argG
NCBI Protein Information	argininosuccinate synthase
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