Argininosuccinate Synthase (argG) Prochlorococcus Marinus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate synthase (argG), Recombinant Protein
Full Product Name	Recombinant Prochlorococcus marinus Argininosuccinate synthase (argG)
Product Gene Name	argG recombinant protein
Product Synonym Gene Name	argG
Sequence	MGKANKVVLA YSGGVDTSVC IPYLKEEYGV EHVIAFAADL GQGDELDEIK KKAISAGASQ SLIGNLVKPF IEDFAFPAIR SNALYQGRYP LSTALARPLI AKKLVEIARE LNADGVAHGC TGKGNDQVRF DVTIGALAPD LQLLTPAREW GMSREETIAY GEKYGIVPPV SKKNPYSIDL NLLGRSIEAG PLEDPFQMPS EEVFGITSSI ADSPNEPEIA DILFENGYPV AINGEEMEPV SLIKKANSLA GKHGFGRLDI IEDRVVGIKS REIYETPGLL LLIKAHQEIE SLTLPADLLD TKSRLERQWA DLVYKGFWFS PLKEALDGFI NYSQKQVNGT VRVRLFKGNV DVIGRKSKEN SLYISDMSTY GSEDKFNHKS AEGFIYVWGL PSRIWSWINK
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	44,116 Da
Sequence Positions	1-400, 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 Q46I72
Species	Prochlorococcus marinus (strain NATL2A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argG recombinant protein	MBS1421563 is a recombinant protein targeting argG. Also known as Recombinant Prochlorococcus marinus 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 #	499614926
NCBI Accession #	WP_011295660.1
UniProt Primary Accession #	Q46I72
GenBank Nucleotide #	WP_011295660.1

NCBI Official Full Name	argininosuccinate synthase
UniProt Protein Name	Argininosuccinate synthase
UniProt Synonym Protein Names	Citrulline--aspartate ligase
Protein Family	Argininosuccinate synthase
UniProt Gene Name	argG
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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