Argininosuccinate Synthase (argG) Streptococcus Agalactiae Serotype Ia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate synthase (argG), Recombinant Protein
Full Product Name	Recombinant Streptococcus agalactiae serotype Ia Argininosuccinate synthase (argG)
Product Gene Name	argG recombinant protein
Product Synonym Gene Name	argG
Sequence	MGKEKLILAY SGGLDTSVAI AWLKKDYDVI AVCMDVGEGK DLDFIHDKAL TIGAIESYIL DVKDEFAEHF VLPALQAHAM YEQKYPLVSA LSRPIIAQKL VEMAHQTGAT TIAHGCTGKG NDQVRFEVAI AALDPELKVI APVREWKWHR EEEITFAKAN GVPIPADLDN PYSIDQNLWG RANECGVLEN PWNQAPEEAF GITKSPEEAP DCAEYIDITF QNGKPIAINN QEMTLSDLIL SLNEIAGKHG IGRIDHVENR LVGIKSREIY ECPAAMVLLA AHKEIEDLTL VREVSHFKPI LENELSNLIY NALWFSPATK AIIAYVKETQ KVVNGTTKVK LYKGSAQVVA RHSSNSLYDE NLATYTAADS FDQDAAVGFI KLWGLPTQVN AQVNKG
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	43,714 Da
Sequence Positions	1-396, 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 Q3K3Q4
Species	Streptococcus agalactiae serotype Ia
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argG recombinant protein	MBS1306366 is a recombinant protein targeting argG. Also known as Recombinant Streptococcus agalactiae serotype Ia 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 #	446436193
NCBI Accession #	WP_000514048.1
UniProt Primary Accession #	Q3K3Q4

GenBank Nucleotide #	WP_000514048.1
NCBI Official Full Name	MULTISPECIES: 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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