Argininosuccinate Synthase (argG) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate synthase (argG), Recombinant Protein
Full Product Name	Recombinant Legionella pneumophila subsp. pneumophila Argininosuccinate synthase (argG)
Product Gene Name	argG recombinant protein
Product Synonym Gene Name	argG
Sequence	MKKVIKKIAL AYSGGLDTSI MIPWLKEHYE HAEVIAVICD LGQQEDLDAI KNKALKSGAS KAYVVDVKNE FATQYLWPLV KSGALYEDQY ILGTISRPLI AQKLVEIALT EQVNAVAHGA TGKGNDQVRF EYSIKALAPQ LEIIAPWRTW DIKSRQEAIV YAKAHGIEVP VTPKAPYSRD HNIWYISHEG GVLEDPSQEM PNDVLLMTAP VSQTPDEEEV VVLDFKKGVP VALNGQELSP VDLLNSLNQK AGQHGIGVAD IVENRLVGMK IRGIYEAPAA AVLYKAHKLL ESLCLTRSTL HLKQSLQQTY ANLVYEGRWF SQTKQALDAF IDVTQQHVTG CVKLKLFKGN IIPAGMHSPY SLHHPELATF EEDNVYNQKD AEGFINLFSL SAKIYSQVHQ GGNYD
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	44,985 Da
Sequence Positions	1-405, 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 Q5ZY78
Species	Legionella pneumophila subsp. pneumophila (strain Philadelphia 1 / 33152 / DSM 7513)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argG recombinant protein	MBS1368590 is a recombinant protein targeting argG. Also known as Recombinant Legionella pneumophila subsp. pneumophila 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 #	499248702
NCBI GeneID	19832060
NCBI Accession #	WP_010946242.1
UniProt Primary Accession #	Q5ZY78

UniProt Related Accession #	Q5ZY78
GenBank Nucleotide #	WP_010946242.1
NCBI Official Full Name	argininosuccinate synthase
NCBI Official Symbol	argG
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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