Argininosuccinate Synthase (argG) Pseudomonas Fluorescens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate synthase (argG), Recombinant Protein
Full Product Name	Recombinant Pseudomonas fluorescens Argininosuccinate synthase (argG)
Product Gene Name	argG recombinant protein
Sequence	MADVNKVVLA YSGGLDTSVI LKWLQDTYNC EVVTFTADLG QGEEVEPARA KAQAMGVKEI YIDDLREEFV RDFVFPMFRA NTVYEGEYLL GTSIARPLIA KRLIEIANET GADAISHGAT GKGNDQVRFE LGAYALKPGV KVIAPWREWD LLSREKLMDY AEKHAIPIER HGKKKSPYSM DANLLHISYE GGVLEDTWTE HEEDMWKWTV SPENAPDKPQ YLELTYRNGD IVALDGVEMT PATVLATLNR IGGEHGIGRL DIVENRYVGM KSRGCYETPG GTIMLRAHRA IESITLDREV AHLKDELMPK YASLIYTGYW WSPERLMLQQ MIDASQAHVN GVVRLKLYKG NVIVTGRKSD DSLFDANIAT FEEDGGAYNQ ADAAGFIKLN ALRMRIAANK GRSLF
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	45,359 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 C3KBZ2
Species	Pseudomonas fluorescens (strain SBW25)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argG recombinant protein	MBS1151620 is a recombinant protein targeting argG. Also known as Recombinant Pseudomonas fluorescens 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 #	502157536
NCBI Accession #	WP_012722490.1
UniProt Primary Accession #	C3KBZ2
GenBank Nucleotide #	WP_012722490.1
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
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