Argininosuccinate Lyase (argH) Methanoculleus Marisnigri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate lyase (argH), Recombinant Protein
Full Product Name	Recombinant Methanoculleus marisnigri Argininosuccinate lyase (argH)
Product Gene Name	argH recombinant protein
Sequence	MRSDQIRQGR LAGERSGDLE HFLASMDADR WIARADLLVD MAHLLGLSRQ GIIDEAPARA LMAALLDLYD HGVPEEAFDE RFEDVHAGKE AYLIDRVGED FGGRLHMGRS RNDEVATCIR IRLKEEIIAL LRSLVDLRAT LLDVAAGHTG TVMPGFTHLQ HAQPTTLAHY LLAYEQAFSR DTARLREAYA RVDVSPLGSA AFASTGFPLD RAYTASLLGF SRPAGNSMDA VAARDFAIEV LADASICMTS TSRLCEELVL WSTAFVGFVR LDDAYCSSSS IMPQKKNPDV AEIMRAKAGS VAGSLAAAIT ITKGLPMSYN RDLQELTPHL WRGVEAARQS IPLLSGMLGS ATFDAERMAA EAGRGFSTAT ELADVLVREY GLPFRTAHRI VGRAVRHGSL DLATLEAAAR EAADFSVVEL GLTREKIDAV LDPRHAVAVR NIVGGPAPEA VAAQISEQRN LLARDKAWAE ETESALSGAF EHLILEARRF AA
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	53,393 Da
Sequence Positions	1-492, 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 A3CTT5
Species	Methanoculleus marisnigri (strain 35101 / DSM 1498 / JR1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argH recombinant protein	MBS1237260 is a recombinant protein targeting argH. Also known as Recombinant Methanoculleus marisnigri Argininosuccinate lyase (argH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of argH 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 argH. It may not necessarily be applicable to this product.

NCBI GI #	500169271
NCBI GeneID	4847711
NCBI Accession #	WP_011843696.1
UniProt Primary Accession #	A3CTT5
UniProt Related Accession #	A3CTT5

GenBank Nucleotide #	WP_011843696.1
NCBI Official Full Name	argininosuccinate lyase
NCBI Official Symbol	MEMAR_RS04175
UniProt Protein Name	Argininosuccinate lyase
UniProt Synonym Protein Names	Arginosuccinase
Protein Family	Argininosuccinate lyase
UniProt Gene Name	argH
UniProt Synonym Gene Names	ASAL
NCBI Protein Information	argininosuccinate lyase
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