Argininosuccinate Lyase (argH) Pelobacter Propionicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate lyase (argH), Recombinant Protein
Full Product Name	Recombinant Pelobacter propionicus Argininosuccinate lyase (argH)
Product Gene Name	argH recombinant protein
Sequence	MSKDKLWGGR FTQPTDAFVE EFTASIQFDK RLYHQDIRGS IAHARMLGKQ GIIPQADVEA IVEGLQQILL QIEEGSFDFS ISLEDIHMNI ESRLSARIGE AGKRLHTGRS RNDQVALDIR LYLRDEIVEI TSYIDLLIDA LLTQAEENVD VVMPGFTHLQ TAQPILFAHH MLAYVEMFKR DSGRMEDCLK RVNVLPLGAG ALAGTTFPID RDYVAEQLGF PAITRNSLDS VSDRDFALEF ISASSILMMH LSRLSEELIL WSTSQFKFIE LSDGFCTGSS IMPQKKNPDV PELVRGKTGR VYGNLMALLT VMKSLPLAYN KDMQEDKEPL FDTIDTVKGS LKVFSDMIRE MSIYPEAMGR AAGQGFSTAT DVADYLVRKG VAFRDAHEAV GKAVAYCVEN EMELTDLTLT EWELFSPRFE QDIFEAITVD ACIDARNVPG GTAREQVKGE IARCRKGK
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	51,257 Da
Sequence Positions	1-458, 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 A1ATU1
Species	Pelobacter propionicus (strain DSM 2379)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argH recombinant protein	MBS1230221 is a recombinant protein targeting argH. Also known as Recombinant Pelobacter propionicus 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 #	500057076
NCBI Accession #	WP_011736993.1
UniProt Primary Accession #	A1ATU1
GenBank Nucleotide #	WP_011736993.1
NCBI Official Full Name	argininosuccinate lyase

UniProt Protein Name	Argininosuccinate lyase
UniProt Synonym Protein Names	Arginosuccinase
Protein Family	Argininosuccinate lyase
UniProt Gene Name	argH
UniProt Synonym Gene Names	ASAL
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