Argininosuccinate Lyase (argH) Acidovorax Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate lyase (argH), Recombinant Protein
Full Product Name	Recombinant Acidovorax sp. Argininosuccinate lyase (argH)
Product Gene Name	argH recombinant protein
Sequence	MSSSSASQPS HDQLATKAQA WSALFSEPMS DLVKRYTSSV FFDKRLWQAD IAGSLAHAEM LAAQGIISAQ DHADIQKGMA QITQEIASGA FEWKLDLEDV HLNIEARLTQ LVGDAGKRLH TGRSRNDQVA TDVRLWLRGE IDLIEGLLSE LQLSLVEVAE QNVEVILPGF THLQVAQPVS FAHHLLAYVE MFARDAERMR DVRRRVNVLP LGSAALAGTT YPLDRERVAK TLGMEGVCQN SLDGVSDRDF AIEFTAAASL CMVHVSRLSE ELIIWMSQNF GFIKIADRFT TGSSIMPQKK NPDVPELARG KTGRVVGHLM GLITLMKGQP LAYNKDNQED KEPLFDTVDT LKDTLRIFAE MIGGQMNPAT GCKDGGITVN AEAMRAAALK GYATATDLAD YLVKKGLPFR DAHETVAHAV KAAVSHSVDL SELPLAVLQG FHPAIEKDVF DALSLQGSLN ARNTLGGTAP AQVRTQLARH RARLSA
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	53,015 Da
Sequence Positions	1-486, 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 A1WB09
Species	Acidovorax sp. (strain JS42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argH recombinant protein	MBS1205582 is a recombinant protein targeting argH. Also known as Recombinant Acidovorax sp. 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 #	500130426
NCBI Accession #	WP_011806431.1
UniProt Primary Accession #	A1WB09
GenBank Nucleotide #	WP_011806431.1
NCBI Official Full Name	MULTISPECIES: 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
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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