Argininosuccinate Lyase (argH) Mycobacterium Tuberculosis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate lyase (argH), Recombinant Protein
Full Product Name	Recombinant Mycobacterium tuberculosis Argininosuccinate lyase (argH)
Product Gene Name	argH recombinant protein
Sequence	MSTNEGSLWG GRFAGGPSDA LAALSKSTHF DWVLAPYDLT ASRAHTMVLF RAGLLTEEQR DGLLAGLDSL AQDVADGSFG PLVTDEDVHA ALERGLIDRV GPDLGGRLRA GRSRNDQVAA LFRMWLRDAV RRVATGVLDV VGALAEQAAA HPSAIMPGKT HLQSAQPILL AHHLLAHAHP LLRDLDRIVD FDKRAAVSPY GSGALAGSSL GLDPDAIAAD LGFSAAADNS VDATAARDFA AEAAFVFAMI AVDLSRLAED IIVWSSTEFG YVTLHDSWST GSSIMPQKKN PDIAELARGK SGRLIGNLAG LLATLKAQPL AYNRDLQEDK EPVFDSVAQL ELLLPAMAGL VASLTFNVQR MAELAPAGYT LATDLAEWLV RQGVPFRSAH EAAGAAVRAA EQRGVGLQEL TDDELAAISP ELTPQVREVL TIEGSVSARD CRGGTAPGRV AEQLNAIGEA AERLRRQLVR
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	49,774 Da
Sequence Positions	1-470, 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 A5U316
Species	Mycobacterium tuberculosis (strain 25177 / H37Ra)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argH recombinant protein	MBS1125293 is a recombinant protein targeting argH. Also known as Recombinant Mycobacterium tuberculosis 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 #	489503288
NCBI GeneID	32287661
NCBI Accession #	WP_003408180.1
UniProt Primary Accession #	A5U316
UniProt Related Accession #	P0A4Z1

GenBank Nucleotide #	WP_003408180.1
NCBI Official Full Name	MULTISPECIES: argininosuccinate lyase
NCBI Official Symbol	argH
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	Probable Argininosuccinate lyase argH
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