Argininosuccinate Lyase (argH) Shigella Boydii Serotype 4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate lyase (argH), Recombinant Protein
Full Product Name	Recombinant Shigella boydii serotype 4 Argininosuccinate lyase (argH)
Product Gene Name	argH recombinant protein
Product Synonym Gene Name	argH
Sequence	MALWGGRFTQ AADQRFKQFN DSLRFDYRLA EQDIVGSVAW SKALVTVGVL TAEEQAQLEE ALNVLLEDVR ARPQQILESD AEDIHSWVEG KLIDKVGQLG KKLHTGRSRN DQVATDLKLW CKDTVSELLT ANRQLQSALV ETAQNNQDAV MPGYTHLQRA QPVTFAHWCL AYVEMLARDE SRLQDALKRL DVSPLGCGAL AGTAYEIDRE QLAGWLGFAS ATRNSLDSVS DRDHVLELLS AAAIGMVHLS RFAEDLIFFN TGEAGFVELS DRVTSGSSLM PQKKNPDALE LIRGKCGRVQ GALTGMMMTL KGLPLAYNKD MQEDKEGLFD AFDTWLDCLH MAALVLDGIQ VKRPRCQEAA QQGYANATEL ADYLVAKGVP FREAHHIVGE AVVEAIRQGK PLEDLPLDEL QKFSHVIGED VYPILSLQSC LDKRAAKGGV SPQQVAQAIA FAQARLG
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	50,331 Da
Sequence Positions	1-457, Full length
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 Q31U28
Species	Shigella boydii serotype 4 (strain Sb227)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argH recombinant protein	MBS1346320 is a recombinant protein targeting argH. Also known as Recombinant Shigella boydii serotype 4 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 #	447152820
NCBI Accession #	WP_001230076.1
UniProt Primary Accession #	Q31U28
GenBank Nucleotide #	WP_001230076.1

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
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