Argininosuccinate Lyase (argH) Nitrosospira Multiformis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Argininosuccinate lyase (argH), Recombinant Protein
Full Product Name	Recombinant Nitrosospira multiformis Argininosuccinate lyase (argH)
Product Gene Name	argH recombinant protein
Product Synonym Gene Name	argH
Sequence	MTASKSTETL PGDNTNTWSG RFDEPVSELV QRYTASVGFD KRLAEYDIQG SLAHARMLAA GGIIGPHDLD AIERGLSQIR QEIQGGGFVW QLALEDVHLN IEKRLTALIG DAGKRLHTAR SRNDQVATDI RLYLRASIDR ITALIHAMQK ALLHLAEQHV DTVMPGFTHL QVAQPIVFGH HLIAYFEMLK RDVERLADCR KRVNKLPLGA AALAGTSYSV DRAMVAQELG FEGVCENSLD AVSDRDFAIE FCAAAALIMT HLSRLSEELI LWMSPPFGFI DLADRFCTGS SIMPQKKNPD VPELVRGKTG RVNGHLVALL TLMKAQPLAY NKDNQEDKEP LFDTVDTLTD TLRIYADMMA GIRVKETAMR EAAKRGYATA TDLADYLTKK GLPFREAHEA VAQAVRFAEK NNRDLSALTL PELQQFSPLI EDDIFTVLTL EGSLNSRNHI GGTAPVQVAA AIRRAREWLS ATPAAQ
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	52,523 Da
Sequence Positions	1-476, 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 Q2Y6K2
Species	Nitrosospira multiformis (strain 25196 / NCIMB 11849)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argH recombinant protein	MBS1350450 is a recombinant protein targeting argH. Also known as Recombinant Nitrosospira multiformis 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 #	499700888
NCBI Accession #	WP_011381622.1
UniProt Primary Accession #	Q2Y6K2
GenBank Nucleotide #	WP_011381622.1

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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