Acetylornithine Aminotransferase (argD) Listeria Monocytogenes Serotype 4b Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acetylornithine aminotransferase (argD), Recombinant Protein
Full Product Name	Recombinant Listeria monocytogenes serotype 4b Acetylornithine aminotransferase (argD)
Product Gene Name	argD recombinant protein
Product Synonym Gene Name	argD
Sequence	MKHVFPTYKR FPIDLVNGTG TVVTDKNGKT YLDFTSGIAV CNLGHCPANV AEAVQQQLTN IWHTSNLYEC ALQDSVAELI ADGKDRLVFF CNSGTEANEA ALKLARKYTG KEKIITFEKS FHGRTFGSMS ATAQAKIHQG FGGLVPGFTY VPYNDIEAFR AEIDEHTAAV MLEVIQGEGG VIPANAAFLL EVQLLCKKMG VLLIIDEVQT GLGRTGTLYG FEQIGLEPDI FTLAKGLGNG LPIGAMVGKA NLSSAFGPGS HGSTFGGNKL ALAAAKEILR TMKQAGFLEE VNAKADYFRY LLEVHLEALD NVSVIRGGGF LIGIELENTA EPVVTELRDK GLLILTAGAN VLRILPPLTV SYAEIDQAIY LLKSVLENQL IGSEEG
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	41,488 Da
Sequence Positions	1-386, 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 Q71Z79
Species	Listeria monocytogenes serotype 4b (strain F2365)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argD recombinant protein	MBS1441211 is a recombinant protein targeting argD. Also known as Recombinant Listeria monocytogenes serotype 4b Acetylornithine aminotransferase (argD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of argD 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 argD. It may not necessarily be applicable to this product.

NCBI GI #	489822202
NCBI Accession #	WP_003725999.1
UniProt Primary Accession #	Q71Z79

GenBank Nucleotide #	WP_003725999.1
NCBI Official Full Name	aspartate aminotransferase family protein
UniProt Protein Name	Acetylornithine aminotransferase
Protein Family	Acetylornithine/acetyl-lysine aminotransferase
UniProt Gene Name	argD
UniProt Synonym Gene Names	ACOAT
UniProt Comments for argD	MiscellaneousMay also have succinyldiaminopimelate aminotransferase activity, thus carrying out the corresponding step in lysine biosynthesis.
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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