Succinylornithine Transaminase (astC) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	Succinylornithine transaminase (astC), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A Succinylornithine transaminase (astC)
Product Gene Name	astC recombinant protein
Sequence	MSLSVTRENF DEWMVPVYVP APLIPVRGEG SRLWDQQGKE YIDFAGGIAV NALGHAHPAL REALNEQANR FWHTGNGYTN EPALRLAKKL IDATFAERVF FCNSGAEANE AALKLARKYA HDRVGNHKSG IVAFKNAFHG RTLFTVSAGG QPTYSQDFAP LPPDIRHAAY NDLNSASALI DDNTCAVIVE PVQGEGGVIP ATKAFLQGLR ELCDRHQALL IFDEVQTGVG RTGKLYAYMH YGVTPDILTT AKALGGGFPI GAMLTTQDYA SVMTPGTHGT TYGGNPLATA VAGKVLDIIN TPEMQNGVRQ RHDAFIERLN TLNVRFGMFS EIRGLGLLLG CVLQTEFAGK AKLIAQEAAK AGVMVLIAGG DVVRFAPALN VSDEEIATGL DRFALACERL QTGGASCG	
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	43,747 Da
Sequence Positions	1-408, 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 B5BA72
Species	Salmonella paratyphi A (strain AKU_12601)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for astC recombinant protein	MBS1207069 is a recombinant protein targeting astC. Also known as Recombinant Salmonella paratyphi A Succinylornithine transaminase (astC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of astC 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 astC. It may not necessarily be applicable to this product.

NCBI GI #	445981664
NCBI Accession #	WP_000059519.1
UniProt Primary Accession #	B5BA72
GenBank Nucleotide #	WP_000059519.1
NCBI Official Full Name	succinylornithine aminotransferase

UniProt Protein Name	Succinylornithine transaminase
UniProt Synonym Protein Names	Succinylornithine aminotransferase
Protein Family	Succinylornithine transaminase
UniProt Gene Name	astC
UniProt Comments for astC	Catalyzes the transamination of N2-succinylornithine and alpha-ketoglutarate into N2-succinylglutamate semialdehyde and glutamate. Can also act as an acetylornithine aminotransferase.
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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