Aspartate--Ammonia Ligase (asnA) Streptococcus Agalactiae Serotype V Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aspartate--ammonia ligase (asnA), Recombinant Protein
Full Product Name	Recombinant Streptococcus agalactiae serotype V Aspartate--ammonia ligase (asnA)
Product Gene Name	asnA recombinant protein
Product Synonym Gene Name	asnA
Sequence	MKKSFIHQQQ EISFVKNTFT QYLIDKLEIV EVQGPILSQV GDGMQDNLSG IEHPVSVKVL NIPEAEFEVV HSLAKWKRHT LARFGFNEGE GLFVHMKALR PDEDSLDPTH SVYVDQWDWE KVIPDGRRNL DYLKETVEKI YKAIRLTELA VEARFDIESI LPKRITFIHT EELVEKYPDL SPKERENAIA KEYGAVFLIG IGGELADGKP HDGRAPDYDD WTTPSENGFK GLNGDILVWN EQLGTAFELS SMGIRVDEDA LKRQVVLTGD EDRLEFEWHK TLLRGFFPLT IGGGIGQSRL AMFLLRKKHI GEVQSSVWPK EVRDTFENIL
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	37,718 Da
Sequence Positions	1-330, 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 Q8E1B0
Species	Streptococcus agalactiae serotype V
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for asnA recombinant protein	MBS1398365 is a recombinant protein targeting asnA. Also known as Recombinant Streptococcus agalactiae serotype V Aspartate--ammonia ligase (asnA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of asnA 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 asnA. It may not necessarily be applicable to this product.

NCBI GI #	22536630
NCBI GeneID	1013253
NCBI Accession #	NP_687481.1
UniProt Primary Accession #	Q8E1B0

UniProt Related Accession #	Q8E1B0
GenBank Nucleotide #	NC_004116.1
NCBI Official Full Name	asparagine synthetase AsnA
NCBI Official Symbol	asnA
UniProt Protein Name	Aspartate--ammonia ligase
UniProt Synonym Protein Names	Asparagine synthetase A
Protein Family	Aspartate--ammonia ligase
UniProt Gene Name	asnA
NCBI Protein Information	asparagine synthetase AsnA
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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