Aspartate--Ammonia Ligase (asnA) Mycoplasma Penetrans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aspartate--ammonia ligase (asnA), Recombinant Protein
Full Product Name	Recombinant Mycoplasma penetrans Aspartate--ammonia ligase (asnA)
Product Gene Name	asnA recombinant protein
Product Synonym Gene Name	asnA
Sequence	MYNLSILETQ KAIKFIKDLF QVNLAHALKL HRVTAPLVLE RNKGINDDLN GSENPVTFTS DGNGISGEIP QSLAKWKRMM LGKYEIPLHE GIYADMNAIR KDESLSSIHS IYVDQWDWEL HIKKTERNLE TLKVVVKKIY EIIRLCQKEV NKKYEWFAEN LLPEEITFIS SEDLLQRYPN KTPKERERLI ASKYKAVFII GIGDNLSDGK PHDLRAPDYD DWKLNGDIIV WNETTKSALE LSSMGIRVDE VSLVEQLDKS NNNSRKELDF HKKLINKEFP YSIGGGIGQS RLCYFLLHKQ HIGEVQSSLW PKDILEEAEK NNIKLL
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	37,679 Da
Sequence Positions	1-326, 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 Q8EWQ5
Species	Mycoplasma penetrans (strain HF-2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for asnA recombinant protein	MBS1437571 is a recombinant protein targeting asnA. Also known as Recombinant Mycoplasma penetrans 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 #	499389508
NCBI Accession #	WP_011076975.1
UniProt Primary Accession #	Q8EWQ5
GenBank Nucleotide #	WP_011076975.1
NCBI Official Full Name	asparagine synthetase A

UniProt Protein Name	Aspartate--ammonia ligase
UniProt Synonym Protein Names	Asparagine synthetase A
Protein Family	Aspartate--ammonia ligase
UniProt Gene Name	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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