Asparagine--Trna Ligase (asnS) Oceanobacillus Iheyensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Asparagine--tRNA ligase (asnS), Recombinant Protein
Full Product Name	Recombinant Oceanobacillus iheyensis Asparagine--tRNA ligase (asnS)
Product Gene Name	asnS recombinant protein
Product Synonym Gene Name	asnS
Sequence	MKITIAQAPQ YIEQEVTIGA WLSNKRSSGK IAFLQLRDGT GFMQGIVVKS DVSEDVFSTS KNITQESSLY VTGKIVEDTR SDFGYEMQVS NVEVIHEAND YPITPKEHGT EFLMDHRHLW LRSKKQHAVM KIRNEIIRST YEYFNKEGFV KVDPPILTGS SAEGTTELFH TKYFDEEAYL SQSGQLYMEA AAMALGKVFS FGPTFRAEKS KTRRHLIEFW MIEPEMAFVE HEESLQIQEN YVSHIVQSVL TNCKLELSVL DRDLSKLEKI KAPFPRISYD EAIDMLKEKG FDDIEWGEDF GAPHETAIAE SYDMPVFITN YPKDIKAFYM KPHPDRSDVV LCADLIAPEG YGEIIGGSQR IDDLELMEQR YEEHGLTGPA YQWYLELRKY GSVPHSGFGL GLERTVAWLS GVEHVRETIP FPRLLNRLYP
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	49,286 Da
Sequence Positions	1-430, 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 Q8EQE2
Species	Oceanobacillus iheyensis (strain DSM 14371 / JCM 11309 / KCTC 3954 / HTE831)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for asnS recombinant protein	MBS1476153 is a recombinant protein targeting asnS. Also known as Recombinant Oceanobacillus iheyensis Asparagine--tRNA ligase (asnS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of asnS 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 asnS. It may not necessarily be applicable to this product.

NCBI GI #	499378580
NCBI Accession #	WP_011066158.1
UniProt Primary Accession #	Q8EQE2
GenBank Nucleotide #	WP_011066158.1

NCBI Official Full Name	asparagine--tRNA ligase
UniProt Protein Name	Asparagine--tRNA ligase
UniProt Synonym Protein Names	Asparaginyl-tRNA synthetase
Protein Family	Asparagine--tRNA ligase
UniProt Gene Name	asnS
UniProt Synonym Gene Names	AsnRS
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