Asparagine--Trna Ligase (asnS) Xanthomonas Oryzae Pv. Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Asparagine--tRNA ligase (asnS), Recombinant Protein
Full Product Name	Recombinant Xanthomonas oryzae pv. oryzae Asparagine--tRNA ligase (asnS)
Product Gene Name	asnS recombinant protein
Product Synonym Gene Name	asnS
Sequence	MTVVSVEHAL AGKLPEGGEV TVRGWVRTLR GSAGLAFINV TDGSCFAPIQ VVANDTLPNF DEIKRLTSGC SLIAKGVLVK SQGKGQSFEI QASGVEIVGW VEDPLTYPIQ PKPMTPEFLR EVAHLRPRTN LFGAVTRIRN CLAQAVHRFF HQNGFNWIST PIITTSDAEG AGQMFRVSTL DMVNLPRDAT GNVDFSRDFF GKETFLTVSG QLNVEAYCLA LSKVYTFGPT FRAENSHTTR HLAEFWMIEP EIAFADLAED ARLAEQFLKY VFRAVLDERG DDLAFLAERV DKNAISKLEA FINAPFEQID YTDAVKLLQH AGKTFDFPVE WGLDLQTEHE RWLTEEHIGR PVVVTNYPEH IKAFYMRLND DGKTVAAMDV LAPGIGEIIG GSQREERLDV LDARMAQFGL DKEHYSWYRD FRRYGSVPHA GFGLGFERLV VYVCGLSNIR DAIPYPRAPG SAEF
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	51,878 Da
Sequence Positions	1-464, 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 Q5H049
Species	Xanthomonas oryzae pv. oryzae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for asnS recombinant protein	MBS1437432 is a recombinant protein targeting asnS. Also known as Recombinant Xanthomonas oryzae pv. oryzae 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 #	75435313
NCBI Accession #	Q5H049.1
UniProt Primary Accession #	Q5H049
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
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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