O-Phosphoserine--Trna (Cys) Ligase (sepS) Methanospirillum Hungatei Recombinant Protein

PRODUCT OVERVIEW

Product Name	O-phosphoserine--tRNA (Cys) ligase (sepS), Recombinant Protein
Full Product Name	Recombinant Methanospirillum hungatei O-phosphoserine--tRNA (Cys) ligase (sepS), partial
Product Gene Name	sepS recombinant protein
Product Synonym Gene Name	sepS
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	59,515 Da
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 Q2FSR2
Species	Methanospirillum hungatei (strain JF-1 / DSM 864)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sepS recombinant protein	MBS1387020 is a recombinant protein targeting sepS. Also known as Recombinant Methanospirillum hungatei O-phosphoserine--tRNA (Cys) ligase (sepS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sepS 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 sepS. It may not necessarily be applicable to this product.

NCBI GI #	499769051
NCBI Accession #	WP_011449785.1
UniProt Primary Accession #	Q2FSR2
GenBank Nucleotide #	WP_011449785.1
NCBI Official Full Name	O-phosphoserine--tRNA ligase
UniProt Protein Name	O-phosphoserine--tRNA(Cys) ligase
UniProt Synonym Protein Names	Non-canonical O-phosphoseryl-tRNA(Cys) synthetase
Protein Family	O-phosphoserine--tRNA(Cys) ligase

UniProt Gene Name	sepS
UniProt Synonym Gene Names	O-phosphoserine--tRNA ligase; SepRS
UniProt Comments for sepS	Catalyzes the attachment of O-phosphoserine (Sep) to tRNA(Cys).
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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