Phenylalanine--Trna Ligase Alpha Subunit (pheS) Burkholderia Pseudomallei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phenylalanine--tRNA ligase alpha subunit (pheS), Recombinant Protein
Full Product Name	Recombinant Burkholderia pseudomallei Phenylalanine--tRNA ligase alpha subunit (pheS)
Product Gene Name	pheS recombinant protein
Product Synonym Gene Name	pheS
Sequence	MDLDQIVADA QQSFEGAADI TTLENEKARF LGKSGALTEL LKGLGKLDPE TRKTEGARIN VAKQQVEAAL NARRQALADA LLNQRLAAEA IDVTLPGRGA GAGSLHPVMR TWERVEQIFR SIGFDVADGP EIETDWYNFT ALNSPENHPA RSMQDTFYVD GKDADGRPLL LRTHTSPMQV RYARMNRPPI KVIAPGRTYR VDSDATHSPM FNQVEGLWID ENVSFADLKG AYTDFLKKFF ERDDILVRFR PSYFPFTEPS AEIDMMFEHG KNAGKWLEIS GSGQVHPTVI RNMGLDPERY IGFAFGSGLE RLTMLRYGVQ DLRLFFENDL RFLRQFA
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	37,996 Da
Sequence Positions	1-337, 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 Q63TM6
Species	Burkholderia pseudomallei (strain K96243)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pheS recombinant protein	MBS1344535 is a recombinant protein targeting pheS. Also known as Recombinant Burkholderia pseudomallei Phenylalanine--tRNA ligase alpha subunit (pheS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pheS 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 pheS. It may not necessarily be applicable to this product.

NCBI GI #	62287618
NCBI Accession #	Q63TM6.1
UniProt Primary Accession #	Q63TM6
NCBI Official Full Name	Phenylalanine--tRNA ligase alpha subunit

UniProt Protein Name	Phenylalanine--tRNA ligase alpha subunit
UniProt Synonym Protein Names	Phenylalanyl-tRNA synthetase alpha subunit
UniProt Gene Name	pheS
UniProt Synonym Gene Names	PheRS
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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