



Recombinant Phenylalanine--tRNA ligase alpha subunit (pheS)

Product Code	CSB-MP734620SRW
Abbreviation	pheS
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q67QF3
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MKDQLLKLRD EALAAIAAAA DVGAIQEMRV RYLGKKSELS QVLGGLGRLP TVEERKAMGA LGNEIKQAIT AALDAREAEL AAAALQARLA SERIDVTLPG APVRRGHLHI LNQVIHRIEE IFIAMGYEVA ESRQVETDWY NFEALNIPKG HPARDAQDSL FLSEEVLLRT HTSNTQIRYM LEVARGRTPV KIICPGRVFR RDFEDATHAM MFHQVEGLVI DKGITMASLK GALTEMARAL FGPDVGIRLR PSYFPTEPS AEMDISCIFC GGKGCRTCKG SGWIEIGGSG MVHPNVLRAG GYDPEEVSGW AFGYGPERVA MLMYGIEDIR HFVNNDMRFL RQF
Source	Mammalian cell
Target Names	pheS
Protein Names	Recommended name: Phenylalanine--tRNA ligase alpha subunit EC= 6.1.1.20 Alternative name(s): Phenylalanyl-tRNA synthetase alpha subunit Short name= PheRS
Expression Region	1-343
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.