



Recombinant Escherichia coli Phenylalanine--tRNA ligase alpha subunit (pheS)

Product Code	CSB-EP513347ENU
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.	C4ZYH6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MSHLAELVAS AKAAISQASD VAALDNVRVE YLGKKGHLLT QMTTLRELPP EERPAAGAVI NEAKEQVQQA LNARKAELES AALNARLAAE TIDVSLPGRR IENGGLHPVT RTIDRIESFF GELGFTVATG PEIEDDYHNF DALNIPGHHP ARADHDTFWF DTTRLLRTQT SGVQIRTMKA QQPIRIIAP GRVYRNDYDQ THTPMFHQME GLIVDTNISF TNLKGTLHDF LRNFFFEEDLQ IRFRPSYFPF TEPSAEVDVM GKNGKWLEVL GCGMVHPNVL RNVGIDPEVY SGFAFGMGME RLTMLRYGVT DLRSFFENDL RFLKQFK
Source	E.coli
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	1-327
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.