Recombinant Phenylalanine--tRNA ligase alpha subunit (pheS)

Product Code	CSB-EP727660YAH-B
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.	Q669Z5
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MPHLAELVAK AKAAVEDAQD IAALDLVRVE YLGKKGHLTL QMTSLRELPA EERPAAGAVI NQAKQEVQEA LNARKEKLES AVLNARLAAE TIDVSLPGRR MENGGLHPVT RTIERIETFF GELGFSVESG PEIEDDYHNF DALNIPAHHP ARADHDTFWF DATRLLRTQT SGVQIRTMQE QQPPIRIIVP GRVYRNDYDQ THTPMFHQME GLIVDRDISF TNLKGTLHDF LRNFFEEDLQ IRFRPSYFPF TEPSAEVDVM GKNGKWLEVL GCGMVHPNVL RNVGIDPEIY SGFAFGMGME RLTMLRYGVT DLRAFFENDL 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.