



Recombinant Phenylalanine--tRNA ligase beta subunit (pheT)

Product Code	CSB-EP841322EOD
Abbreviation	pheT
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.	Q8XE32
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MKFSELWLRE WVNPAIDSDA LANQITMAGL EVDGVEPVAG SFHGVVVGEV VECAQHPNAD KLRVTKVNVG GDRLLDIVCG APNCRQGLRV AVATIGAVLP GDFKIKAAKL RGEPSGMLC SFSELGISDD HNGIILPAD APIGTDIREY LKLDDNTIEI SVTPNRADCL GIIGVARDVA VLNQLPLVEP EIVPVGATID DTLPITVEAP EACPRYLGRV VKGINVKAPT PLWMKEKLRG CGIRSIDAVV DVTNYVLEL GQPMHAFDKD RIEGGIVVRM AKEGETLVLL DGTEAKLNAD TLVIADHNKA LAMGGIFGGE HSGVNDQTN VLLECAFFSP LSITGRARRH GLHTDASHRY ERGVDPALQY KAMERATRL IDICGGEAGP VIDITNEATL PKRATITLRR SKLDRLIGHH IADEQVTDIL RRLGCEVTEG KDEWQAVAPS WRFDMIEIED LVEEVARVYG YNNIPDEPVQ ASLIMGTHRE ADLSLKRVT LLNDKGYQEV ITYSFVDPKV QQMIHPGVEA LLLPSPISVE MSAMRLSLWT GLLATVVYNQ NRQQNRVRIF ESGLRFVPDT QAPLGIRQDL MLAGVICGNR YEEHWNLAKE TVDFYDLKGD LESVLDLTGK LNEVEFRAEA NPALHPGQSA AIYLKGERIG FVGVVHPELE RKLDLNGRTL VFELEWNKLA DRVVPQAREI SRFPANRRDI AVVVAENVPA ADILSECKKV GVNQVGVNL FDVYRGKQVA EGYKSLAISL ILQDTSRTLE EEEIAATVAK CVEALKERFQ ASLRD
Source	E.coli
Target Names	pheT
Protein Names	Recommended name: Phenylalanine--tRNA ligase beta subunit EC= 6.1.1.20 Alternative name(s): Phenylalanyl-tRNA synthetase beta subunit Short name= PheRS
Expression Region	1-795
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

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