



# Recombinant Phenylalanine--tRNA ligase beta subunit (pheT)

<b>Product Code</b>	CSB-MP348684EGX
<b>Storage</b>	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.
<b>Uniprot No.</b>	P59664
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKFSELWLRE WVNPAIDSDA LANQITMAGL EVDGVEPVAG SFHGVVVGEV VECAQHPNAD KLRVTKVNVG GDRLLDIVCG APNCRQGLRV AVATIGAVLP GDFKIKAAKL RGEPEGMLC SFSELGISDD HNGIIELPAD APIGTDIREY LKLDDNTIEI SVTPNRADCL GIIGVARDVA VLNQLPLVEP EIVPVGATID DTLPIAVEAP DACPRYLGRV VKGINVKAPT PLWMKEKLRR CGIRSIDAVV DVTNYVLEL GQPMHAFDKD RIEGGIVRM AKEGETLVLL DGTEAKLNAD TLVIADHNKA LAMGGIFGGE HSGVNDQTN VLLECAFFSP LSITGRARRH GLHTDASHRY ERGVDPALQH KAMERATRL IDICGGEAGP VIDITNEATL PKRATILRR SKLDRLLIGHH 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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	pheT
<b>Protein Names</b>	Recommended name: Phenylalanine--tRNA ligase beta subunit EC= 6.1.1.20 Alternative name(s): Phenylalanyl-tRNA synthetase beta subunit Short name= PheRS
<b>Expression Region</b>	1-795
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.

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