



Recombinant *Schizosaccharomyces pombe* Phenylalanine--tRNA ligase alpha subunit (SPAC3G9.06)

Product Code	CSB-EP524986SXV-B
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.	O42870
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSKLEALQVF LLEKLNEKNE IPNTSHLEFD GKCLGPQEAQ SAILSLAAKN MIEFSRHEIE IYNLTAEGEN ICANGSHEAK VYNEICASMS GLNIGELKKK LGNSAGIGQG RAFKLGWIKK DGDKLVKNTD SITDETPKVL SEIKEHGTIS DSKTLTDLKK RKLVERNKIM YFSLRKGNF SLQIEKLNTD LTAEMITSRS WESAKFKSYN FAAEGIPPAG GCLHPLMKVR EEFKFFFEEL GFEEMPTNPF VESGFWNFDA LFVPQQHSAR DAQDTFFLKV PASTDKLPDP EYVARVKATH ENGGETKGIG YRAPFSLEET RKLVLRTHTT AVSANMLYKL AQNGFHPAKY FSIDRVFRNE TVDATHLAEF HQVEGVICDR NITLGDIGF LEVFFGKMNV KNLRFKPAYN PYTEPSLEVF SYHEKLGKVV EVGNSGMFRP EMLEPMGLPK DVRCLGFGLS LERPTMIKYG VADIRQLIGP KVNLDLIEAS PAVRLDKEE
Source	E.coli
Target Names	frs2
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	1-499
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,



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