



Recombinant Tyrosine--tRNA ligase (tyrS)

Product Code	CSB-MP371793EJE
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.	A1ABI2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O1:K1 / APEC
Purity	>85% (SDS-PAGE)
Sequence	MEILMASSNL IKQLQERGLV AQVTDEEALA ERLAQGPAL YCGFDPTADS LHLGHLVPLL CLKRFQQAGH KPVALVGGAT GLIGDPSFKA AERKLNTEET VQEWVDKIRK QVAPFLDFDC GENSAIAANN YDWFGNMNVL TFLRDIGKHF SVNQMINKEA VKQRLNREDQ GISFTEFSYN LLQGYDFACL NKQYGVVLQI GGSDQWGNIT SGIDLTRRLH QNQVFGLTVP LITKADGTKF GKTEGGAVWL DPKKTSPYKF YQFWINTADA DVYRFLKFFT FMSIEEINAL EEEDKNNGKA PRAQYVLAEQ VTRLVHGEDG LQAAKRITEC LFSGSLALS EADFEQLAQD GVPMVEMEKG ADLMQALVDS ELQPSRGQAR KTIASNAITI NGEKQSDPEY FFKEEDRLFGRFTLLRRGKK NYCLICWK
Source	Mammalian cell
Target Names	tyrS
Protein Names	Recommended name: Tyrosine--tRNA ligase EC= 6.1.1.1 Alternative name(s): Tyrosyl-tRNA synthetase Short name= TyrRS
Expression Region	1-428
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.