



Recombinant Escherichia coli O9:H4 Tyrosine--tRNA ligase (tyrS)

Product Code	CSB-EP419590EJF
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.	A8A0I0
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O9:H4 (strain HS)
Purity	≥85% (SDS-PAGE)
Sequence	MASSNLIKQL QERGLVAQVT DEEALAERLA QGPIALYCGF DPTADSLHLG HLVPLLCLKR FQQAGHKPVA LVGGATGLIG DPSFKAAERK LNTEETVQEW VDKIRKQVAP FLDFDCGENS AIAANNYDWF GNMNVLTLR DIGKHFSVNQ MINKEAVKQR LNREDQGISF TEFSYNLLQG YDFACLNKQY GVVLIQIGSD QWGNITSGID LTRRLHQNV FGLTVPLITK ADGTKFGKTE GGAVWLDPKK TSPYKQYQFW INTADADVYR FLKFFTFMSI EEINALEEED KNSGKAPRAQ YVLAEQVTRL VHGE EGLQAA KRIT ECLFSG SLSALSEADF EQLAQDGVPM VEMK GADLM QALVDSELQP SRGQARKTIA SNAITINGEK QSDPEYFFKE EDRLFGRFTL LRRGKKNYCL ICWK
Source	E.coli
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	1-424
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.