Recombinant Escherichia coli O127:H6 Tyrosine--tRNA ligase (tyrS)

Product Code	CSB-MP487353EOB
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.	B7URX8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O127:H6 (strain E2348/69 / EPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MASSNLIKQL QERGLVAQVT DEEALAERLA QGPIALYCGF DPTADSLHLG HLVPLLCLKR FQQAGHKPVA LVGGATGLIG DPSFKAAERK LNTEETVQEW VDKIRKQVAP FLDFDCGENS AIAANNYDWF GNMNVLTFLR DIGKHFSVNQ MINKEAVKQR LNREDQGISF TEFSYNLLQG YDFACLNKQY GVVLQIGGSD QWGNITSGID LTRRLHQNQV FGLTVPLITK ADGTKFGKTE GGAVWLDPKK TSPYKFYQFW INTADADVYR FLKFFTFMSI EEINALEEED KNSGKAPRAQ YVLAEQVTRL VHGEDGLQAA KRITECLFSG SLSALSEADF EQLAQDGVPM VEMEKGADLM QALVDSELQP SRGQARKTIA SNAITINGEK QSDPEYFFKE EDRLFGRFTL LRRGKKNYCL ICWK
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	1-424
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.