



Recombinant Photorhabdus luminescens subsp. laumondii Tyrosine--tRNA ligase 2 (tyrS2)

Product Code	CSB-YP762843PIJ
Abbreviation	tyrS2
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.	Q7N9W0
Product Type	Recombinant Protein
Immunogen Species	Photorhabdus luminescens subsp. laumondii (strain DSM 15139 / CIP 105565 / TT01)
Purity	>85% (SDS-PAGE)
Sequence	MKENIDKLLS NIAIMEPPLG LQDKLALARQ ENRKLTIKLG FDPTAPDLHL GHAVVLQKLK DFQDEGHRIV VIIGDFTAGI GDPTGRNKLR PPLTPEQINK NSQTYINQLA KVINIENIEI RKNSEWFNNM PFSNVIKLIS KITLAQIMHR DDFKTRFESK APVHLHEIY PILQGYDSVM IDADIELGGT DQLFNNLVGR TLQEAYEKKG QIVITMPLLE GLDGIEKMSK SKNNYIGLTD NANDMYGKVM SIPDSVIINY LTLATDMEAE KQSAIVSQLE LGLNPMKIKK DIAYNIVKRY HDDISAKEAT EHFERVVQKR TPEEADHDVL ILPKGSYITL LDLCSVALPA ISRSELRRLI RSGAVRVDKS KEDDEIKNIE VIPGTLIWIG KRYKFRIGS
Source	Yeast
Target Names	tyrS2
Protein Names	Recommended name: Tyrosine--tRNA ligase 2 EC= 6.1.1.1 Alternative name(s): Tyrosyl-tRNA synthetase 2 Short name= TyrRS 2
Expression Region	1-399
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.