



Recombinant Legionella pneumophila subsp. pneumophila Tyrosine--tRNA ligase (tyrS)

Product Code	CSB-EP720079LDL
Abbreviation	tyrS
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.	Q5ZY07
Product Type	Recombinant Protein
Immunogen Species	Legionella pneumophila subsp. pneumophila (strain Philadelphia 1 / ATCC 33152 / DSM 7513)
Purity	≥85% (SDS-PAGE)
Sequence	MIVQDSVCSE LMRGCEEILP VPELEKKLQK GIPLKIKAGF DPTAPDLHLG HTVLLNKLRLQ FQQFGHEVIF LIGDFTAMIG DPTGKNVTRM PLSQETVLEN AKTYQHQQVFK ILDPDKTTVA FNSQWLNKFN AVDLIRLAAT HTVARMLERD DFNKRYTTGQ PIAIHEFLYP LLQGYDSVAL KADVELGGTD QKFNLLMGRE LQKHYGFEPPQ VMMMTPLIEG LDGVKKMSKS LDNYIGINET PEQMFGKIMS VSDELMWRYI DLLSFKTGKE IQQLKQSVLE GKNPRDVKID FAKEIVARFH DQTQAEFAHN KFIERFQKGN IPEDLEELSL VIAEPIALAQ LLKQIDLTAS TSESIRMVKQ GAVKVDGDKI SDPSLKLPIG KSYIIQVGKR RIAKLSIQQA D
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	1-401
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



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