



Recombinant Rickettsia typhi Proline--tRNA ligase (proS)

Product Code	CSB-MP727916RNE
Abbreviation	proS
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.	Q68WZ3
Product Type	Recombinant Protein
Immunogen Species	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
Purity	≥85% (SDS-PAGE)
Sequence	MLLSKYFLPI LKEEPSEAQV ISHKLMLRSG MIMKQASGLY TWLPLGLKVL KNIENIVRSN MNKVGALEVL MPCIQPAHLW IESGRFEYYG KEMLKFQDRH DNTLLFGPTN EDMITDIFRR NIKSYKDLPK NLYHIQWKFR DEIRPRFGVM RGREFLMKDA YSFDINQENA VNTYNKMYKA YINTFRDLGV FAIPVIADNG PIGGNLSHEF HIAETGEST IYYDKRFKIL KDNPDIDVEE IKSWYAAAE KHDVNLSSF PEGITSSKGI EVGHIFYIGS KYSVNMNALI NDEYGKLIPV EMSSYGIGIS RLAAAIIEAN CDKKGIIWPF SVAPFKVSLI NLNIHDNKC V ELAAKTDKEL SNKNIEVLYD DTEARPGSKF ATHDLIGSPY QVIIGPKKAA NNIVELKDRK TGVLEDIEIE NLINYIRI
Source	Mammalian cell
Target Names	proS
Protein Names	Recommended name: Proline--tRNA ligase EC= 6.1.1.15 Alternative name(s): Prolyl-tRNA synthetase Short name= ProRS
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.