



Recombinant Escherichia coli O6:K15:H31 Proline-tRNA ligase (proS)

Product Code	CSB-EP605653EGY
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.	Q0TLD7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MRTSQYLLSTLKETPADAEVISHQLMLRAGMIRKCLASGLYTWLPTGVRVLKKV ENIVREE MNNAGAIEVLMPVVQPSELWQESGRWEQYGPELLRIADRGDRPFVLGPTHEE VITDLIRN ELSSYKQLPLNFYQIQTKFRDEVPRFRGVMRSREFLMKDAYSFHTSQESLQET YDAMYAA YSKIFSRMGLDFRAVQADTGSIGGSASHEFQVLAQSGEDDVVFSDTSDYAANI ELAEAIA PKEPRAAATQEMTLVDTPNAKTIAELVEQFNLPIEKTVKLLVKAVEGSSFPLVA LLVRG DHELNEVKAELPQVASPLTFATEEEIRAVVKAGPGSLGPVNMPPIPVVIDRTVA AMSDFA AGANIDGKHYFGINWDRDVATPEIADIRNVVAGDPSPDGQGTLLIKRGIEVGHIF QLGTK YSEALKASVQGEDGRNQILTMGCYGIGVTRVAAAIEQNYDERGIVWPDAIAP FQVAILP MNMHKSFRVQELAELKLYSELRAQGIEVLLDDRKERPGVMFADMELIGIPHTIVL GDRNLD NDDIEYKYRRNGEKQLIKTGDIVDYLKQIKG
Source	E.coli
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	1-572
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

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