



Recombinant Human Probable proline--tRNA ligase, mitochondrial (PARS2)

Product Code	CSB-EP745334HU-B
Abbreviation	PARS2
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.	Q7L3T8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	H HCAPRRGRRL LLSRVFQPQN LREDRVLSLQ DKSDDLTCKS QRLMLQVGLI YPASPGCYHL LPYTVRAMEK LVRVIDQEMQ AIGGQKVNMP SLSPAELWQA TNRWDLMGKE LLRLRDRHGK EYCLGPTHEE AITALIASQK KLSYKQLPFL LYQVTRKFRD EPRPRFGLLR GREFYMKDMY TFDSSPEAAQ QTYSLVCDAY CSLFNKLGLP FVKVQADVGT IGGTVSHEFQ LPVDIGEDRL AICPRCSFSA NMETLDLSQM NCPACQGPLT KTKGIEVGHT FYLGTKYSSI FNAQFTNVCG KPTLAEMGCY GLGVTRILAA AIEVLSTEDC VRWPSLLAPY QACLIPPKKG SKEQAASELI GQLYDHTEA VPQLHGEVLL DDRTHLTIGN RLKDANKFGY PFVIIAGKRA LEDPAHFEVW CQNTGEVAFL TKDGVMDLLT PVQTV
Source	E.coli
Target Names	PARS2
Protein Names	Recommended name: Probable proline--tRNA ligase, mitochondrial EC=6.1.1.15 Alternative name(s): Prolyl-tRNA synthetase Short name= ProRS
Expression Region	30-475
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 of Mature 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.