Recombinant Human Serine--tRNA ligase, cytoplasmic (SARS)

Product Code	CSB-EP020709HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49591
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVLDLDLFRV DKGGDPALIR ETQEKRFKDP GLVDQLVKAD SEWRRCRFRA DNLNKLKNLC SKTIGEKMKK KEPVGDDESV PENVLSFDDL TADALANLKV SQIKKVRLLI DEAILKCDAE RIKLEAERFE NLREIGNLLH PSVPISNDED VDNKVERIWG DCTVRKKYSH VDLVVMVDGF EGEKGAVVAG SRGYFLKGVL VFLEQALIQY ALRTLGSRGY IPIYTPFFMR KEVMQEVAQL SQFDEELYKV IGKGSEKSDD NSYDEKYLIA TSEQPIAALH RDEWLRPEDL PIKYAGLSTC FRQEVGSHGR DTRGIFRVHQ FEKIEQFVYS SPHDNKSWEM FEEMITTAEE FYQSLGIPYH IVNIVSGSLN HAASKKLDLE AWFPGSGAFR ELVSCSNCTD YQARRLRIRY GQTKKMMDKV EFVHMLNATM CATTRTICAI LENYQTEKGI TVPEKLKEFM PPGLQELIPF VKPAPIEQEP SKKQKKQHEG SKKKAAARDV TLENRLQNME VTDA
Source	E.coli
Target Names	SARS
Protein Names	Recommended name: Serine--tRNA ligase, cytoplasmic EC= 6.1.1.11 Alternative name(s): Seryl-tRNA synthetase Short name= SerRS Seryl-tRNA(Ser/Sec) synthetase
Expression Region	1-514
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
Target Details	This gene belongs to the class II amino-acyl tRNA family. The encoded enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts.
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.