



Recombinant Histidine--tRNA ligase (hisS)

Product Code	CSB-EP731315BUI-B
Abbreviation	hisS
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.	Q662M6
Product Type	Recombinant Protein
Immunogen Species	Borrelia baviensis (strain ATCC BAA-2496 / DSM 23469 / PBI) (Borrelia baviensis)
Purity	≥85% (SDS-PAGE)
Sequence	MDVKTLLKGFK DYLPKDSLIR IHIVKQIFSV LNSYNFDLID TPVLEYSELL LKKSGDESEK QIYRFKDHGG RDVSMRFDLT IPFARFVATN ISDLKFPFRR SQFGKVFRGE NSQKGRYREF MQFDFDIVGE DGFRADAEIL SVVYYGLEEI FLNFIGINK KFIIHYSHLG ILNSFFEKLG IKEESIFILR NIDKIDKIGI DKVKEALLL IEKEAVDSIL SLVNLQGAFK DKIQALKSIL GDNESVKRVE DVYRHLSELL IQDSFNLNLK ISGGLDYTTG IVFESEVFGS NMGSVCSGGR YDNLVSSYSS SIQKVSGVGG SFGVDRIKDI IDLEQFSYIK IFVTKARSKV LIVNLDLALQ NYYYELATRF RNHDYSKVKN ISCEVYFKNK NGKNIKEQIE YALNKEIRFL VVFGQEEYKE NKIKVRDLTK KEELLSFEE VINVIKCNEK LLCTPF
Source	E.coli
Target Names	hisS
Protein Names	Recommended name: Histidine--tRNA ligase EC= 6.1.1.21 Alternative name(s): Histidyl-tRNA synthetase Short name= HisRS
Expression Region	1-456
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.