



Recombinant Histidine--tRNA ligase (hisS)

Product Code	CSB-EP737824SRW-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.	Q67LN9
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MSIQAPRGFN DILPGEQYGW RDSYRWQRLE EIFREVARLY GYQELRPPMV EYVDLFIHGV GATTDIVTKE MFNITPRGDD PDARRMAMRP EFTAGLVRAW LENGLYNNPQ PTKIFAYGPA FRYENVQKGR FRGFHQLDVE VFGAQDPAVD AEVIKLGLDV VARLGLTGLV VSVNSIGCPQ CRPRYRQALQ DHFRPHLGEL CEDCNTRFEK NPLRLLDCKR DADHPAQRTA PVTLDYLCDD CRRHWEGLLS HLAAMGIPYQ IDTRIVRGLD YYTKTVFEVL HPKLGAQSAL WGGGRYDGLI EIVGGKPTPG VGFGMGMERV LMVLEEEGLT APFADRPRLD VFVATLGEAA RPVGLKLLYA LRDAGLSADI DYLGSRSLKAQ MKYAGKQNSR YVVILGEDEV RQGVASVKHM DEGTQESVPL DQIISHLRRA EA
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	1-432
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.