



Recombinant Human Histidine--tRNA ligase, cytoplasmic (HARS1)

Product Code	CSB-EP010137HU
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.	P12081
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AERAALEEL VKLQGERVRG LKQQKASAEL IEEEVAKLLK LKAQLGPDES KQKFVLKTPK GTRDYSRQM AVREKVFVDVI IRCFKRHGAE VIDTPVFEK ETLMGKYGED SKLIYDLKDQ GGELLSLRYD LTVPFARYLA MNKLTNIKRY HIAKVYRRDN PAMTRGRYRE FYQCDFDIAG NFDPMIPDAE CLKIMCEILS SLQIGDFLVK VNDRRILDGM FAICGVSDSK FRTICSSVDK LDKVSWEEVK NEMVGEKGLA PEVADRIGDY VQQHGGVSLV EQLLQDPKLS QNKQALEGLG DLKLLFEYLT LFGIDDKISF DLSLARGLDY YTGVIYEAVL LQTPAQAGEE PLGVGSVAAG GRYDGLVGMF DPKGRKVPCV GLSIGVERIF SIVEQRLEAL EEKIRTTETQ VLVASAQKKL LEERLKLVS LWDAGIKAEL LYKKNPKLLN QLQYCEEAGI PLVAIGEQE LKDGVIKLS VTSREEVDVR REDLVEEIKR RTGQPLCIC
Source	E.coli
Target Names	HARS1
Protein Names	Recommended name: Histidine--tRNA ligase, cytoplasmic EC= 6.1.1.21Alternative name(s): Histidyl-tRNA synthetase Short name= HisRS
Expression Region	2-509
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.



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