



Recombinant Human Histidine--tRNA ligase, mitochondrial (HARS2)

Product Code	CSB-MP010138HU
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.	P49590
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	<p> QSQVAEAVLTSQLKAHQEKPNFIIKTPKGTRDLSPQHMMVVREKILDLVISCFKR HGAKGM DTPAFELKETLTEKYGEDSGLMYDLKDQGGELLRLRYDLTVPFARYLAMNKVK KMKRYHV GKVWRRESPTIVQGRYREFCQCDFDIAGQFDPMIPDAECLKIMCEILSGLQLG DFLIKVN DRRIVDGMFAVCGVPESKFRAICSSIDKLDKMAWKDVRHEMVVKKGLAPEVA DRIGDYVQ CHGGVSLVEQMFQDPRLSQNKQALEGLGDLKLLFEYLTFLGIADKISFDLSLAR GLDYTT GVIYEAVLLQTPTQAGEEPLNVGSVAAGGRYDGLVGMFDPKGHKVPCVGLSI GVERIFYI VEQRMKTKGEKVRTTETQVFVATPQKNFLQERLKLIAELWDSGIKAEMLYKNN PKLLTQL HYCESTGIPLVVIIGEQLKEGVKIRSVASREEVAIKRENFVAEIQKRLSES </p>
Source	Mammalian cell
Target Names	HARS2
Protein Names	Recommended name: Probable histidine--tRNA ligase, mitochondrial EC=6.1.1.21 Alternative name(s): Histidine--tRNA ligase-like Histidyl-tRNA synthetase Short name= HisRS
Expression Region	34-506
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

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