





## Recombinant Human Probable histidine--tRNA ligase, mitochondrial (HARS2)

Product Type Recombinant Protein  Immunogen Species Homo sapiens (Human)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence QSQVAEAVLTSQLKAHQEKPNFIIKTPKGTRDLSPQHMVVREKILDLVISCFKR HGAKGMDTPAFELKETTEKYGEDSGLMYDLKDQGGELLSLRYDLTVPFARYL AMNKVKKMKRYHVGKVWRRESPTIVQGRYREFCQCDFDIAGQFDPMIPDAEC LKIMCEILSGLQLGDFLIKVNDRRIVDGMFAVCGVPESKFRAICSSIDKLDKMAW KDVRHEMVVKKGLAPEVADRIGDYVQCHGGVSLVEQMFQDPRLSQNKQALE GLGDLKLLFEYLTLFGIADKISFDLSLARGLDYYTGVIYEAVLLQTPTQAGEEPL NVGSVAAGGRYDGLVGMFDPKGHKVPCVGLSIGVERIFYIVEQRMKTKGEKV RTTETQVFVATPQKNFLQERLKLIAELWDSGIKAEMLYKNNPKLLTQLHYCEST GIPLVVIIGEQELKEGVIKIRSVASREEVAIKRENFVAEIQKRLSES  Research Area Metabolism  Source E.coli  Target Names HARS2  Expression Region 34-506aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.		
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 Alias HistidinetRNA ligase-likeHistidyl-tRNA synthetase; HisRS Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence QSQVAEAVLTSQLKAHQEKPNFIIKTPKGTRDLSPQHMVVREKILDLVISCFKR HGAKGMDTPAFELKETLTEKYGEDSGLMYDLKDQGGELLSLRYDLTVPFARYL AMNKVKKMKRYHVGKVWRRESPITVQGRYREFCQCDFDIAGQFPMIPDAFE LKINGEILSGLQLGDFLIKVNDRRIVDGMFAVCGVPESKFRAICSSIDKLDKMAW KDVRHEMVVKKGLAPEVADRIGDYVQCHGGVSLVEDMFQDPRLSQNKQALE GLGDLKLLFEY_TLFGIADKISFDLSLARGLDYYTGVIYEAVLLQTPTQAGEEPL NVGSVAAGGRYDGLVGMFDPKGHKVPCVGLSIGVERIFYIVEQRMKTKGEKV RTTETQAFVATPGKNFLQERLKLIAELWDSGIKAEMLYKNDPKLLTQLHYCEST GIPLVVIIGEQELKEGVIKIRSVASREEVAIKRENFVAEIQKRLSES  Research Area Metabolism Source E.coli Target Names HARS2 Expression Region 34-506aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-SUMO-tagged  Mol. Weight Full Length of Mature Protein	<b>Product Code</b>	CSB-EP010138HU
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  Alias HistidinetRNA ligase-likeHistidyl-tRNA synthetase; HisRS  Product Type Recombinant Protein  Immunogen Species Homo sapiens (Human)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence QSQVAEAVLTSQLKAHQEKPNFIIKTPKGTRDLSPQHMVVREKILDLVISCFKR HGAKGMDTPAFELKETLTEKYGEDSGLMYDLKDQGGELLSLRYDLTVPFARYL AMNKVKKMKRYHVGKVWRRESPTIVQGRYREFCQCDFDIAGGPDMIPDAEC LKIMCEILSGLQLGDFLIKVNDRRIVDGMFAVCGVPESKFRAICSSIDKLDKMAW KDVRHEMVVKKGLAPEVADRIGDYVQCHGGVSLVEQMFQDPRLSQNKQALE GLGDLKLLFEYLTLFGIADKISFDLSLARGLDYYTGVIYEAVLLQTPTQAGEEPL NVGSVAAGGRYDGLVGMFDPKGHKVPCVGLSIGVERIFYIVEGMKTKGEKV RTTETQVFVATPQKNFLQERLKLIAELWDSGIKAEMLYKNNPKLLTQLHYCEST GIPLVVIIGEQELKEGVIKIRSVASREEVAIKRENFVAEIQKRLSES  Research Area Metabolism  Source E.coli  Target Names HARS2  Expression Region 34-506aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-SUMO-tagged  Mol. Weight Full Length of Mature Protein	Abbreviation	Recombinant Human HARS2 protein
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Protein Length Full Length of Mature Protein	Tag Info	N-terminal 6xHis-SUMO-tagged
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Image	Protein Length	Full Length of Mature Protein
	Image	

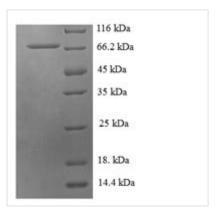


## **CUSABIO TECHNOLOGY LLC**

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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.