

Recombinant Human HARS protein, His-tagged

Cat. No. HARS-2229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HARS protein(P12081)(2-504aa), fused to N-terminal His tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	2-504aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	58.7 kDa
AA Sequence	AERAALEELVKLQGERVRGLKQQKASAELEEVEAKLLKLKAQLGPDESKQKFVLKT PKGTRDYSRQMAVREKVFDVIIRCFKRHGAVIDTPVFELKETLMGKYGEDSKLIYD LKDQGGELLRLRYDLTPFARYLAMNKLTNIKRYHIAKVYRRDNPAMTRGRYREFYQ CDFDIAGNFDPMPDAECLKIMCEILSSLQIGDFLVKVNDRRILDGMFAICGVSDSKFR TICSSVDKLDKVSWEVKNEMVGEKGLAPEVADRIGDYVQQHGGVSLVEQLLQDPK LSQNKQALEGLGDLKLLFEYLTFLGIDDKISFDLSLARGLDYYTGVIYEAVLLQTPAQA GEEPLGVGSVAAGGRYDGLVGMFDPKGRKVPCVGLSIGVERIFSIVEQRLEALEEKI RTTETQVLVASAQKKLLEERLKLVSSELWDAGIKAELLYKKNPKLLNQLQYCEEAGIPL VAIIGEQLKDGVIKLRSVTSREEVDVRREDLVEEIKRRTGQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

GENE INFORMATION

Gene Name	HARS histidyl-tRNA synthetase [Homo sapiens]
Official Symbol	HARS
Synonyms	HARS; histidyl-tRNA synthetase; histidine--tRNA ligase, cytoplasmic; histidine tRNA ligase 1; cytoplasmic; HisRS; histidine translase; HRS; USH3B; FLJ20491;
Gene ID	3035
mRNA Refseq	NM_001258040
Protein Refseq	NP_001244969
MIM	142810
UniProt ID	P12081

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