

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

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AERAALEELVKLQGERVERGLKQQKASAEIIEEEVAKLLKLKAQLGPDESKQKFVLKT
PKGTRDYSRQMAVREKVFVDVIIRCFKRHGAEVIDTPVFELKETLMGKYGEDSKLIYD
LKDQGGELLRLRYDLTVPFARYLAMNKLNIKRYHIAKVYRRDNPAMTRGRYREFYQ
CDFDIAGNFDPMIPDAECLKIMCEILSSLQIGDFLVKVNDRRILDGMFAICGVSDSKFR
TICSSVDKLDKVSWEVKNEMVGEKGLAPEVADRIGDYVQQHGGVSLVEQLLQDPK
LSQNKQALEGLGDLKLLFEYLTFLGIDDKISFDLSLARGLDYYTGVIYEAVLLQTPAQA
GEEPLGVGSVAAGGRYDGLVGMFDPKGRKVPVGLSIGVERIFSIVEQRLEALEEKI
RTTETQVLVASAQKKLLEERLKLSELWDAGIKAELLYKKNPKLLNQLQYCEEAGIPL
VAIIGEQLKDGVIKLRVSVTSREEVDVRRREDLVEEIKRRTGQ
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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for multiple 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 transylase; HRS; USH3B; FLJ20491;
Gene ID	3035
mRNA Refseq	NM_001258040
Protein Refseq	NP_001244969
MIM	142810
UniProt ID	P12081

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