

Recombinant Human HARS2 Protein (34-506 aa), His-SUMO-tagged

Cat. No. HARS2-546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HARS2 Protein (34-506 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	34-506 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	69.4 kDa
AA Sequence	QSQVAEAVLTSQ LKAHQEKPNFIIKTPKGTRDLSPQHMMVVREKILDLVISCFKRHGAK GMDTPAFELKETLTEKYGEDSGLMYDLKDQGGELLRLRYDLTVPFARYLAMNKVKK MKRYHVGKVVRRRESPTIVQGRYREFCQCDFDIAGQFDPMIPDAECLKIMCEILSGLQ LGDFLIKVNDRRIVDGMFAVCGVPESKFRAICSSIDKLDKMAWKDVRHEMVMVKKGLA PEVADRIGDYVQCHGGVSLVEQMFQDPRLSQNKQALEGLGDLKLLFEYLTFLGIADK ISFDLSLARGLDYYTGVIYEAVLLQTPTQAGEEPLNVGSVAAGGRYDGLVGMFDPKG HKVPCVGLSIGVERIFYVEQRMKTGKEKVRTTETQVFVATPQKNFLQERLKLIAELW DSGIKAEMLYKNNPKLLTQLHYCESTGIPLVVIIGEQLKEGVKIRSVASREEVAIKRE NFVAEIQRLSES

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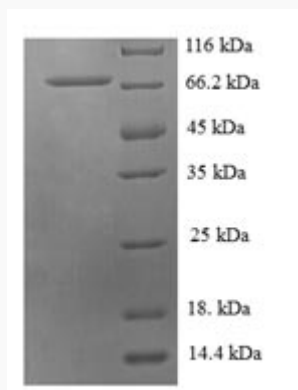
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	HARS2 histidyl-tRNA synthetase 2, mitochondrial (putative) [Homo sapiens]
Official Symbol	HARS2
Synonyms	HARS2; HARSR; HO3; hisRS; HARS-related; HARSL;
Gene ID	23438
mRNA Refseq	NM_012208
Protein Refseq	NP_036340
MIM	600783
UniProt ID	P49590

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

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