Histidyl tRNA Synthetase Recombinant Protein | HARS recombinant protein

Recombinant Histidyl tRNA Synthetase (HARS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145903	**E.coli**	**Human**	**Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Histidyl tRNA Synthetase; Recombinant Histidyl tRNA Synthetase (HARS); HRS; Jo1; Jo-1; HisRS; Histidine tRNA Ligase 1; Cytoplasmic; HARS recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Human
Purity/Purification	>93%
Form/Format	100mM $NaHCO_3$, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	200ug/mL (varies by lot)
Applicable Applications for HARS recombinant protein	IP (CoImmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression
Residues	Met1~Gln294
Tags	N-terminal His-Tag
Tissue Specificity	Brain, Heart, Liver, Kidney
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	8.1
Predicted Molecular Mass	37.3kDa
Accurate Molecular Mass	37kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 100mM $NaHCO_3$, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage**: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test**: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4261708
NCBI Official Full Name	histidyl tRNA synthetase, partial
UniProt Protein Name	Histidine--tRNA ligase
UniProt Gene Name	**hrs-1**
UniProt Synonym Gene Names	syh-1; HisRS
UniProt Entry Name	SYH_CAEEL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/hrs-1-recombinant-protein-e-coli-ip-coimmunoprecipitation-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/145903