

Glycyl tRNA Synthetase Recombinant Protein | GARS recombinant protein

Recombinant Glycyl tRNA Synthetase (GARS)

CATALOG # AAA144235	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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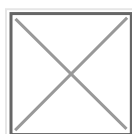
PRODUCT SYNONYMS

Glycyl tRNA Synthetase; Recombinant Glycyl tRNA Synthetase (GARS); GARS recombinant protein

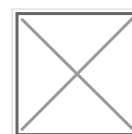
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. VEEVVPPNV IEPFGLGR I MYTVFEHTFH VREGDEQRTF FSFPVAVVAPF KCSVLPLSQN QEFMPFVKEL SEALTRHGV S HKVDDSSGSI GRRYARTDEI GVAFGVTIDF DTVNKPHTA TLRDRDSMRQ IRAEISELPS IVQDLANGNI TWADVEARYP LFEGQETGKK E
Sequence Length	739
Applicable Applications for GARS recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	22.7kDa
Accurate Molecular Mass (KD)	23kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Homo sapiens (Human)
Fragment	Val567~Glu735
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the target protein. 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 of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	1311463
NCBI GeneID	2617
Molecular Weight	83,166 Da
NCBI Official Full Name	glycyl tRNA synthetase
NCBI Official Synonym Full Names	glycyl-tRNA synthetase
NCBI Official Symbol	GARS
NCBI Official Synonym Symbols	HMN5; CMT2D; DSMAV; GlyRS; SMAD1
NCBI Protein Information	glycine--tRNA ligase
UniProt Protein Name	Glycine--tRNA ligase
UniProt Gene Name	GARS
UniProt Synonym Gene Names	AP-4-A synthetase; GlyRS
UniProt Entry Name	SYG_HUMAN

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/gars-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144235>