

Threonyl t-RNA Synthetase Recombinant Protein | PL 7 recombinant protein

Recombinant Human Threonyl t-RNA Synthetase

CATALOG # AAA38268	HOST Sf9 Insect Cells
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PRODUCT SYNONYMS

Threonyl t-RNA Synthetase; Recombinant Human Threonyl t-RNA Synthetase; PL 7 Human; Threonyl-tRNA Synthetase Human Recombinant; Threonyl-tRNA synthetase cytoplasmic; EC 6.1.1.3; Threonine-tRNA ligase; ThrRS; MGC9344; PL-7; TARS; PL 7 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Insect Cells
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	PL-7 is supplied at 0.5mg/ml in 20mM HEPES buffer pH-8, 200mM sodium chloride, and 20% glycerol. Sterile Filtered clear solution.
Concentration	0.3-0.8 ug/ml (depending on the type of ELISA plate and coating buffer). Suitable for biotinylation and iodination. (varies by lot)
Sequence Length	723
Immunological Functions	1. Binds IgG-type human auto-antibodies. 2. Standard ELISA test (checker-board analysis of positive/negative sera panels immuno-dot test).
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PL 7 recombinant protein	Description: Threonyl-tRNA Synthetase Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a molecular mass of 83,312 Dalton. PL-7 is expressed with a -6xHis tag and purified by proprietary chromatographic techniques.
Product Categories/Family for PL 7 recombinant protein	Enzymes ; Synthetase

NCBI AND UNIPROT INFORMATION

NCBI GI #	386642860
NCBI GeneID	6897
NCBI Accession #	NP_001245366.1
NCBI GenBank Nucleotide #	NM_001258437.1
UniProt Accession #	P26639 ; Q96FP5 ; Q9BWA6 ; A8K8I1 ; B4DEG8
NCBI Official Full Name	threonine--tRNA ligase, cytoplasmic isoform 1
NCBI Official Synonym Full Names	threonyl-tRNA synthetase
NCBI Official Symbol	TARS
NCBI Official Synonym Symbols	ThrRS

NCBI Protein Information	threonine--tRNA ligase, cytoplasmic; threonine tRNA ligase 1, cytoplasmic; threonyl-tRNA synthetase, cytoplasmic
UniProt Protein Name	Threonine--tRNA ligase, cytoplasmic
UniProt Gene Name	TARS
UniProt Synonym Gene Names	ThrRS
UniProt Entry Name	SYTC_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/tars-recombinant-protein-sf9-insect-cells/38268>