Recombinant Human TARS1 Protein (Phe2-Phe723), N-His-tagged

Cat. No. TARS1-0041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Threonine--tRNA ligase 1, cytoplasmic (Phe2-Phe723) was fused with the N-His tag and was expressed in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Phe2-Phe723
Form	Lyophilized powder/frozen liquid
Molecular Mass	84.54 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in 20 mM Tris-HCl, pH8.0, 100 mM NaCl, 1 mM DTT, 0.1% sodium azide, 0.1 mM EDTA, 10% glycerol or lyophilized from 20 mM Tris-HCl, pH8.0, 100 mM NaCl, 1 mM DTT, 0.1% sodium azide, 0.1 mM EDTA, 10% glycerol.

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Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	TARS1 threonyl-tRNA synthetase 1 [Homo sapiens (human)]
Official Symbol	TARS1
Synonyms	TARS1; threonyl-tRNA synthetase 1; TARS; TTD7; ThrRS; threonine--tRNA ligase 1, cytoplasmic; threonine tRNA ligase 1, cytoplasmic; threonine--tRNA ligase, cytoplasmic; threonyl-tRNA synthetase, cytoplasmic; EC 6.1.1.3
Gene ID	6897
mRNA Refseq	NM_152295
Protein Refseq	NP_689508
MIM	187790
UniProt ID	P26639

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