Recombinant Human AARS1 Protein (Asp2-Asn968), N-His-tagged

Cat. No. AARS1-0325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AARS1 (Asp2-Asn968) was fused with the N-His tag and was expressed in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Asp2-Asn968
Form	Lyophilized powder/frozen liquid
Molecular Mass	107.78 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 and 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 and 0.1 mM EDTA, 10%

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	glycerol.
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	AARS1 alanyl-tRNA synthetase 1 [Homo sapiens (human)]
Official Symbol	AARS1
Synonyms	AARS1; alanyl-tRNA synthetase 1; AARS; TTD8; CMT2N; DEE29; HDLS2; EIEE29; alanine--tRNA ligase, cytoplasmic; alaRS; alanine tRNA ligase 1, cytoplasmic; alanyl-tRNA synthetase, cytoplasmic; renal carcinoma antigen NY-REN-42; EC 6.1.1.7
Gene ID	16
mRNA Refseq	NM_001605
Protein Refseq	NP_001596
MIM	601065
UniProt ID	P49588

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