

Recombinant Human IARS1 Protein (Met1-Phe1262), N-His-tagged

Cat. No. IARS1-0266H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IARS1 (Met1-Phe1262) was fused with the N-His tag and was expressed in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Phe1262
Form	Lyophilized powder/frozen liquid
Molecular Mass	145.42 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 IARS1 isoleucyl-tRNA synthetase 1 [Homo sapiens (human)]

Official Symbol IARS1

Synonyms IARS1; isoleucyl-tRNA synthetase 1; IRS; IARS; ILRS; ILERS; GRIDHH; PRO0785; isoleucine--tRNA ligase, cytoplasmic; isoleucine tRNA ligase 1, cytoplasmic; EC 6.1.1.5

Gene ID 3376

mRNA Refseq NM_002161

Protein Refseq NP_002152

MIM 600709

UniProt ID P41252

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