

Recombinant Human IARS protein, His&Myc-tagged

Cat. No. IARS-4313H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IARS protein(P41252)(693-852aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	693-852aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	26.3 kDa
AA Sequence	DRWILSFMQSLIGFFETEMAAYRLYTVPRLVKFVDILTWNWYVRMNRRLKGENGM EDCVMALETLFSVLLSLCRLMAPYTPFLTELMYQNLKVLIDPVSVQDKDTLSIHYLML PRVREELIDKKTESAVSQMQSVIELGRVIRDRKTIPIKYPLKEIVV
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	IARS isoleucyl-tRNA synthetase [Homo sapiens]
Official Symbol	IARS
Synonyms	IARS; isoleucyl-tRNA synthetase; isoleucine--tRNA ligase, cytoplasmic; IARS1; ILRS; isoleucine tRNA ligase 1; cytoplasmic; isoleucine tRNA ligase 1, cytoplasmic; isoleucyl-tRNA synthetase, cytoplasmic; IRS; ILERS; PRO0785; FLJ20736;
Gene ID	3376
mRNA Refseq	NM_002161
Protein Refseq	NP_002152
MIM	600709
UniProt ID	P41252

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