

Isoleucine--tRNA ligase, cytoplasmic (IARS) Recombinant Protein | IARS recombinant protein

Recombinant Human Isoleucine--tRNA ligase, cytoplasmic (IARS) , partial

CATALOG # AAA116091	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Isoleucine--tRNA ligase; cytoplasmic (IARS); Recombinant Human Isoleucine--tRNA ligase; partial; IARS recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	693-852aa; partial
Sequence	DRWILSFMQS LIGFFETEMA AYRLYTVVPR LVKFVDILT N WYVRMNRRL KGENGMEDCV MALETLSVL LSLCRLMAPY TPFLTELMYQ NLKVLDPVS VQDKDTLSIH YLMLPRVREE LIDKKTESAV SQMQSVIELG RVIRDRTIP IKYPLKEIVV
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721241
NCBI GeneID	3376
NCBI Accession #	NP_002152.2
NCBI GenBank Nucleotide #	NM_002161.5
UniProt Accession #	P41252 ; Q5TCD0 ; Q7Z3T4 ; Q9H588 ; A8KAE9
Molecular Weight	144,498 Da
NCBI Official Full Name	isoleucine--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	isoleucyl-tRNA synthetase
NCBI Official Symbol	IARS
NCBI Official Synonym Symbols	IRS; ILRS; IARS1; ILERS; GRIDHH; PRO0785
NCBI Protein Information	isoleucine--tRNA ligase, cytoplasmic
UniProt Protein Name	Isoleucine--tRNA ligase, cytoplasmic
UniProt Gene Name	IARS
UniProt Synonym Gene Names	IRS; IleRS

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://www.aaabiotech.com/iars-recombinant-protein-e-coli/116091>