

Product datasheet for **SC205460**

IARS2 (NM_018060) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	IARS2 (NM_018060) Human 3' UTR Clone
Symbol:	IARS2
Synonyms:	CAGSSS; ILERS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018060
Insert Size:	436 bp
Insert Sequence:	>SC205460 3'UTR clone of NM_018060 The sequence shown below is from the reference sequence of NM_018060. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGATGTGCAGAAGTTGTCACTGGAAAATAGTATTAACAGCTCACTCGAGCAAGAACCCTCCTGACAGTA
CTGGCTAGAAGTTGGATGGATTATTTACAATATAGGAAAGAAAGCCAAGATTTAGGTAATGAGTGGAT
GAGTAAATGGTGGAGGATGGGAGTCAAAATCAGAATTATAGAAGAAGTATTTCTGTAACATAGAAAAG
AATTATGTATATACATGCAGAAATATATATGTGTGTGTATCTGTGGATGGATATATGTATATCTC
TTCTATATATATCCATAGTGGACTTATTCAGAACATAGATATGTATTACGCTTGCTTCAAAATACGGC
CAAGCAGAAAATGTTTTATATTTATAAATCATCTTTGACTCTGTATTTAAATTCTATGATACTGAAA
ATAAAGGCATTCTGGAAAAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



RefSeq: [NM_018060.4](#)

Summary: Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of isoleucine-tRNA synthetase exist, a cytoplasmic form and a mitochondrial form. This gene encodes the mitochondrial isoleucine-tRNA synthetase which belongs to the class-I aminoacyl-tRNA synthetase family. [provided by RefSeq, Dec 2014]

Locus ID: 55699

MW: 17.3