

Product datasheet for **SC201068**

Arginyl tRNA synthetase (RARS) (NM_002887) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Arginyl tRNA synthetase (RARS) (NM_002887) Human 3' UTR Clone
Symbol:	Arginyl tRNA synthetase
Synonyms:	ArgRS; DALRD1; HLD9; RARS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002887
Insert Size:	141 bp
Insert Sequence:	>SC201068 3'UTR clone of NM_002887 The sequence shown below is from the reference sequence of NM_002887. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CTGGGAATAAAACCTGTCCAAAGGATG TAAT CCTTCATAGGTTTGAACACTGTGTGTTTTTACCAAAGT GGCCATTGGCACTGTTTGCTTTTTTACAATCATGTGGACACAAGCATAAGTAAAGAAAATTTGTCAACC AGG ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-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:	<u>NM_002887.4</u>



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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. Arginyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family. [provided by RefSeq, Jul 2008]

Locus ID: 5917

MW: 5.5