

Product datasheet for **SC200487**

valyl tRNA synthetase (VARS) (NM_006295) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	valyl tRNA synthetase (VARS) (NM_006295) Human 3' UTR Clone
Symbol:	valyl tRNA synthetase
Synonyms:	G7A; NDMSCA; VARS; VARS2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006295
Insert Size:	106 bp
Insert Sequence:	>SC200487 3'UTR clone of NM_006295 The sequence shown below is from the reference sequence of NM_006295. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GCCATCGCCCTATTCCAGAAGATGCTG TGA TCCACCACCCAGCTTACCCCTCACCCCCAGCGGCTCAC CATGGGGATGGCAGCAATAAAATATTTTCCACAAAA ACGCGT AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_006295.3</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. The protein encoded by this gene belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex. [provided by RefSeq, Jul 2008]

Locus ID:

7407

MW:

3.8