

Product datasheet for **SC203355**

VAR52 (NM_020442) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	VAR52 (NM_020442) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	VAR52
Synonyms:	COXPD20; VALRS; VAR52L; VARSL
ACCN:	NM_020442
Insert Size:	279 bp
Insert Sequence:	>SC203355 3'UTR clone of NM_020442 The sequence shown below is from the reference sequence of NM_020442. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTCCAGCCCCAGGGAGCCCGGAGCTCTAACTCATCATCCCCATCAGTTTTCTCCCTCTCAGACCTGT CTTTGAGGACAAACAGATTTGTCAGCTGTCAGGGTGCAGTGACGACTATGGTCCATCGC CTTCATTGTGAAATGAGGACACAGACTGGCTTGGTCGCAGTGACTGTGGTGTCTTGAGATGCTCAC TTACTGCCCGGCTGCTCCACCTGGAAGTCTGGGAATGAGGAGATTGAGATAAACTTTGAAATCCC AAA ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	NM_020442.6



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Summary: This gene encodes a mitochondrial aminoacyl-tRNA synthetase, which catalyzes the attachment of valine to tRNA(Val) for mitochondrial translation. Mutations in this gene cause combined oxidative phosphorylation deficiency-20, and are also associated with early-onset mitochondrial encephalopathies. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2014]

Locus ID: 57176

MW: 10.4