

Product datasheet for **SC213267**

MARS2 (NM_138395) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MARS2 (NM_138395) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MARS2
Synonyms: COXPD25; MetRS; mtMetRS
ACCN: NM_138395
Insert Size: 1238 bp
Insert Sequence: >SC213267 3'UTR clone of NM_138395
The sequence shown below is from the reference sequence of NM_138395. 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
ACTTGGCTGGTGAAAGCCACCGGACCTAGAAACTCAGTTCTTACCGGCTTGTGGTAAAAAGCAAATG
TGTTATCTTTTTATTTTTATTTTCAGGAAAGTTATACTAGTATTTTCTTAAGTGTGGAATCAAATGAG
CACATAAGCTGTGCCCTGTGAAAAGAGGTTTGTAGCCTTTCAGGTGCCTGCTCCTATTCATTTCTCTG
TGACCATTGATCACTGTCTTTGTGCATTGTGTGTCTAAGATGTCTTCAGGGGAAAGATGGGTAAGAGA
CAGTGTGCTAATGCTGTTCTTCTTTGTGCCTCTTCCAAACCACAGTTATTTGCCAAACTACCTCT
CGTGGCTGGTTTTTCATTGGCCTGGCCTCTGCTTCTCAGGCTAATTAGTGACTCCTTTCTTTGAGGGTC
AGGGTTGGAGGCCCTTACTGGTGGTTTTACAGGGGGATCCTACTTTGTTACACATGTTGGGTTTCCTG
ATAAAAAGAGAGTATTTTATAAACCTTGAACCAGTGCCTAGACCAGATGATTTTGGCCATGTGTA
TCCCCATTTAAATTCCTACAACCTAAGTCTCCCTGCTTTGTTAATAGTCCAACAGTTGGGTTGTGTAACA
TCACACTTCAACCGGTAGATGGCTCTAATCTCACACATTTACTTACTAAAGATTGAGGATTCGGAATAT
TTAGAATAAATTAGTTTTCTGCTTCTAATTTTGAGATCTTTACATTTTATTGCTTTTCTTAAATA
AGGGATAGCTTTGCAACCACTATTGTTTTAATGAAAAGCAAAAAACCCCCCAAACCTTATCAGAATCCT
CGTTCTTTTTTCAGACTACTGAAAAATGACATTTACTCTGTTAAATGTTTAAATAAGTGAATAAGTAAATG
TATCAAGTTGTTTATATAATAAATTATAAACTCTTGAGGCACCTGGTATGTTAAAAATTTAACTTT
AGTAACATTAGGTTACAGGTATGATTTAAAAATTTGTAATAGTCAAAGGGCAATGTTTTCTTTATA
TTCTTATAGTCTTAATTTGTTATCCATGTGCATAATTTACCTCATGATTTCTTTTGGTCAATCAGGA
TCTTTAATACAATATAGAAATTTGTAAAGTTATTATAAATGTTAATACACAACCTTTCAGGTAATTTT
AACTGATATTTCTTTGCTCTTTAACTTAAAGTTATTAAGTTTAAAGTTTAAAGTTTCGTAAGTACCTTA
ACGCGTAAAGCGCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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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:	NM_138395.4
Summary:	This gene produces a mitochondrial methionyl-tRNA synthetase protein that is encoded by the nuclear genome and imported to the mitochondrion. This protein likely functions as a monomer and is predicted to localize to the mitochondrial matrix. Mutations in this gene are associated with the autosomal recessive neurodegenerative disease spastic ataxia-3 (SPAX3). [provided by RefSeq, Apr 2014]
Locus ID:	92935
MW:	47.4