

Product datasheet for **SC211666**

MOSC1 (MARC1) (NM_022746) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MOSC1 (MARC1) (NM_022746) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MTARC1
Synonyms:	MARC1; MOSC1
ACCN:	NM_022746
Insert Size:	2000 bp



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Insert Sequence:

>SC211666 3'UTR clone of NM_022746

The sequence shown below is from the reference sequence of NM_022746. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GGAGACCCTGTGTACCTGCTGGCCAGTAATGGGAACCGTATGTCCTGGAATATTAGATGCCTTTTAAA
AATGTTCTCAAAAATGACAACACTTGAAGCATGGTGTTCAGAACTGAGACCTCTACATTTTCTTTAAA
TTTGTGATTTTACATTTTTCGCTTTTGGACTTCTGGTGTCTCAATGCTTCAATGTCCCAGTGCAAAA
AGTAAAGAAATATAGTCTCAATAACTTAGTAGGACTTCAGTAAGTCACTTAAATGACAAGACAGGATTC
TGAAAACCTCCCGTTAACTGATTATGGAATAGTTCTTTCTCCTGCTTCTCCGTTTATCTACCAAGAGC
GCAGACTTGCATCCTGCTACTACCCTCGTTAGAGAAAGAGAAGAAGAGAAAGAGGAAGAGTGGGTGGG
CTGGAAGAATATCCTAGAATGTGTATTGCCCTGTTCATGAGGTACGCAATGAAAATTAATTCACC
CCAAATATGGCTGGAATGCCACTTCCCTTTTCTTCAAGCCCCGGGCTAGCTTTTGAAATGGCATAAA
GACTGAGGTGACCTTCAGGAAGCACTGCAGATATTAATTTTCCATAGATCTGGATCTGGCCCTGCTGCT
TCTCAGACAGCATTGGATTTTCTAAAGGTGCTCAGGAGGATGGTTGTGTAGTTCATGGAGGACCCCTGGA
TCCTTGCCATTCCTCAGCTAATGACGGAGTGCTCCTTCTCCAGTTCGGGTGAAAAAGTTCTGAATT
CTGTGGAGGAGAAGAAAGTATTAGTTCAGTATTTCAGATAGACTACTGAAAACCTTTAAAGGGGAAAAAG
GAAAGCATATGTCAGTTGTTTAAACCCAAATATCTATTTTAACTGATTGTATAACTCTAAGATCTGA
TGAAGTATATTTTATTGCCATTTTGCCTTTGATTATATTGGGAAGTTGACTAACTTGAAAAATGT
TTTTAAACTGTGAATAAATGGAAGCTACTTTGACTAGTTTTCAGATCTTACTAATTCTTGGCACAAG
TTAGACTGTGAAAGCTGACTGAGGCTGGGCACAGGGGCTCATGCCTGTAATTCCAGCACTTTGGGAGGC
CAAGGTGGGAGAATGGCTTGAGCCAGGAGTTTGAGACCAGCCAGAAAATATAATGGGATCCTGTCCGC
TACAAAATGTTTTTAAATGCACTCGGTGTGGTGTGTGCCTGCAGTCTGGCTATGGCTACTCGGG
AGGATGAGGTAGAAGGATTGGTTGAGCCAGGAGCGGGAGATTGAGGCTGCAGTGAGTTATGATTGCAC
CACTACACTCCAGCCTGAGTGATAGAGTGAAGCCCTATCTCTAAAAAAGAAAACAGGAAAAAAGAAA
GCTGACTGAGGTGAATGGGCAAAGCCAGTAATTCTGACACCTGACCACAGCTGGGTCTTCTGCATAATG
GACCTCCTCACCCACAGCCTCCCAGGCAAGCACCATGTTTGAAGGACTATCAAGTCAACATGCTTTTT
ACCAAAAGCTGCACATTTTTCATTTGATTTTATAAAAGAGGTCAGTAATCGCTGAAATCTAGCTGAGC
CCTGAAGTAAAGTCTGAGCAAAGAGGTGCATGTGCTTGTTTTATGGTTGGTGAATTATTACAGTTTGT
TTTCTGCATGCTTGGCATGAGGTGAATAATTACATCAATTTTCCAGAGAACCTGGGCCATCACCTCCC
CAACAAGTCCAGTTGATGTTGAAACTACAGATAGATTGAGACAAAAGCGAAGTGTTCAGCAAGTAGCATT
ACTAATGGGACCGGGGACCCGTGGGAGAGTGAGTGACACAGGATTTAGGAAACCATGTGAATATGGG
CTCTCTGGGAATAGCCAAATAGGTAGGGAGCAATCAGAAACCAAGGTTTGGTGGCTTCTCTAGGTATT
TATAATTAGTGGCAAGTGAAGCCTTAGTCTGAATTTCTAACCACTTGAAGAATAACAGCCACTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
    
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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_022746.4](#)

Summary: As a component of an N-hydroxylated prodrug-converting complex required to reduce N-hydroxylated prodrugs, such as benzamidoxime. Also able to reduce N(omega)-hydroxy-L-arginine (NOHA) and N(omega)-hydroxy-N(delta)-methyl-L-arginine (NHAM) into L-arginine and N(delta)-methyl-L-arginine, respectively.[UniProtKB/Swiss-Prot Function]

Locus ID: 64757

MW: 76.1