

## Product datasheet for **SC203053**

### eNOS (NOS3) (NM\_001160109) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	eNOS (NOS3) (NM_001160109) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NOS3
Synonyms:	ECNOS; eNOS
ACCN:	NM_001160109
Insert Size:	275 bp
Insert Sequence:	>SC203053 3'UTR clone of NM_001160109 The sequence shown below is from the reference sequence of NM_001160109. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA <b>ACGATCGCC</b> CTGCCAGAAGTGTCTGTACCACAGAA <b>TAG</b> TTTCGCCTGCTCTAGAACGGCACCTAGATGGAAGCACGC AGTGTTCGCGCGTCTCCTGCTGAGGCTGTTTTGAGGCGCACTCGTGTTGCTGCTGACTCAGTATTC ACTCATTCTGCTGCTGAGTGCCGTTCA <b>T</b> TTGTGAATATCCCCAGTTTGT <b>T</b> TACCA <b>T</b> CTCTTGTGG TGACACTTGGGCTGTTTCCAGGTCGGGGCTATTATGAATAAACCTGTTATGAACATTCTTGTACCCGG <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATT <b>CGAAGAAA</b> TGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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><a href="#">NM_001160109.2</a></u>



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**Summary:** Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]

**Locus ID:** 4846

**MW:** 10.1