

Product datasheet for **SC205889**

eNOS (NOS3) (NM_000603) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: eNOS (NOS3) (NM_000603) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: NOS3
Synonyms: ECNOS; eNOS
ACCN: NM_000603
Insert Size: 449 bp
Insert Sequence: >SC205889 3'UTR clone of NM_000603
The sequence shown below is from the reference sequence of NM_000603. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
CCTCCCGGCTCAGACACCAACAGCCCCTGAGAGCCGCCTGGCTTTCCTTCCAGTCCGGGAGAGCGGC  
TGCCCGACTCAGGTCCGCCGACCAGGATCAGCCCCGCTCCTCCCTCTTGAGGTGGTGCCTTCTCACA  
TCTGTCCAGAGGCTGCAAGGATTCAAGCATTATTCCTCCAGGAAGGAGCAAACGCCTCTTTCCCTCTC  
TAGGCCTGTTGCCTCGGGCCTGGGTCCGCCTTAATCTGGAAGGCCCTCCAGCAGCGGTACCCAGGG  
CCTACTGCCACCCGCTTCTGTTTCTTAGTCGAATGTTAGATTCTCTTGCTCTCTCAGGAGTATCTT  
ACCTGTAAAGTCTAATCTCTAAATCAAGTATTTATTATTGAAGATTTACCATAAGGGACTGTGCCAGAT  
GTTAGGAGAACTACTAAAGTGCCTACCCAGCTCA  
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_000603.5](#)



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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: 16.1