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Product datasheet for SC207247

eNOS (NOS3) (NM_001160110) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: eNOS (NOS3) (NM_001160110) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: NOS3

Synonyms: ECNOS; eNOS

ACCN: NM_001160110

Insert Size: 571 bp

Insert Sequence:

>SC207247 3'UTR clone of NM_001160110
The sequence shown below is from the reference sequence of NM_001160110. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTCGGCCTCCCAAAGTGCTGCGATTATAGACGTGAGCCACTGCACCTGGCCCTCAGTATCTTAAGCAA
GTTGGAATCTCGTGAAACCCTTTTTGCTGCCTTAGTGTCCGTTTCAGCCCTCATTCTGACCTACCTTTT
CAAGAAAAATAGCACCAGCAATTGACTTTTTTTTAGCATAAAGGTGTATAGACACCCATATAACCTACA
GCCTTCACAAGGCATAGCACATTTTCACCACCCTGGAAAGTTCCCTCATCAGTTCCTCACGTGAATCCC
TTCCCAGTCTGTCTCCCTGCCAGAAGTGTCTGTCACCACAGAATAGTTTCGCCTGCTCTAGAACGGCAC
CTAGATGGAAGCACGCAGTGTTGCGGCGTCTCCTGCTGAGGCTGTTTTTGAGGCGCACTCGTGTTGCTG
CGTGACTCAGTATTTCACTCATTCTGCTGCTGAGTGCCGTTCATTGTGTGAATATCCCCAGTTTGTTTA
CCCATTCTCTTGTTGGTGACACTTGGGCTGTTTCCAGGTCGGGGCTATTATGAATAAACCTGTTATGAA
CATTCTTGTAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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.

View online »

RefSeq: NM_001160110.1

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: 21.1