

## Product datasheet for **SC206494**

### iNOS (NOS2) (NM\_000625) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** iNOS (NOS2) (NM\_000625) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NOS2  
**Synonyms:** HEP-NOS; INOS; NOS; NOS2A  
**ACCN:** NM\_000625  
**Insert Size:** 510 bp  
**Insert Sequence:** >SC206494 3'UTR clone of NM\_000625  
The sequence shown below is from the reference sequence of NM\_000625. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCAGCAGCCTGGAGATGTCAGCGCTCTGAGGGCCTACAGGAGGGGTTAAAGCTGCCGGCACAGAACTT
AAGGATGGAGCCAGCTCTGCATTATCTGAGGTCACAGGGCCTGGGAGATGGAGGAAAGTGATATCCCC
CAGCCTCAAGTCTTATTTCCCTCAACGTTGCTCCCATCAAGCCCTTTACTTGACCTCTAACAAAGTAGC
ACCCTGGATTGATCGGAGCCTCCTCTCTCAAAGTGGGGCCTCCCTGGTCCCTTGAGACAAAATCTTAA
ATGCCAGGCTGGCAAGTGGGTGAAAGATGGAAGTGGTGTGAGTGACCACTCAAGTGACCACCAG
GAGGTGTATCGCACCAGTGTGATTTAACTGCCTTGTGTACAGTTATTTATGCCTCTGTATTTAAAAA
ACTAACACCCAGTCTGTTCCCATGGCCACTTGGGTCTTCCCTGTATGATTCCTTGATGGAGATATTTA
CATGAATTGCATTTTACTTTAATCACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

**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\\_000625.4](#)



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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. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]

**Locus ID:** 4843

**MW:** 18.2