

Product datasheet for **SC330901**

NOSIP (NM_001270960) Human Untagged Clone

Product data:

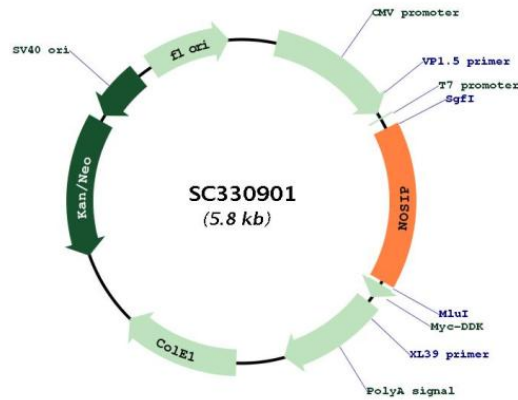
Product Type: Expression Plasmids
Product Name: NOSIP (NM_001270960) Human Untagged Clone
Tag: Tag Free
Symbol: NOSIP
Synonyms: CGI-25
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330901 representing NM_001270960.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACGCGCATGGCAAGAACTGCACCGCAGGGCCGTCTACACCTACCACGAGAAGAAGAAGGACACA
GCGGCCTCGGGCTATGGGACCCAGAACATTCGACTGAGCCGGGATGCCGTGAAGGACTTCGACTGCTGT
TGTCTCTCCCTGCAGCCTTGCCACGATCCTGTTGTCACCCAGATGGCTACCTGTATGAGCGTGAGGCC
ATCCTGGAGTACATTCTGCACCAGAAGAAGGAGATTGCCCGCAGATGAAGGCCTACGAGAAGCAGCGG
GGCACCCGGCGGAGGAGCAGAAGGAGCTTCAGCGGGCGGCCTCGCAGGACCATGTGCGGGGCTTCCTG
GAGAAGGAGTCGGCTATCGTGAGCCGGCCCTCAACCCTTTCACAGCCAAGGCCCTCTCGGGCACCAGC
CCAGATGATGTCCAACCTGGGCCAGTGTGGGTCTCCAAGTAAGGACAAGGACAAAGTGTGCCAGC
TTCTGGATCCCGTCGCTGACGCCGAAGCCAAGGCCACCAAGCTGGAGAAGCCGTCCCGCACGGTGACC
TGCCCCATGTCAGGGAAGCCCCTGCGCATGTGCGGACCTGACGCCCGTGCACCTTACACCCGTAGACAGC
TCCGTGGACCGCGTGGGGCTCATCACCCGACGCGAGCGCTACGTGTGTGCCGTGACCCGCGACAGCCTG
AGCAACGCCACCCCTGCGCTGTGCTGCGGCCCTCTGGGGCTGTGGTACCCTCGAATGCGTGGAGAAG
CTGATTCGGAAGGACATGGTGGACCCTGTGACTGGAGACAACTCACAGACCGCGACATCATCGTGCTG
CAGCGGGCGGTACCGGCTTCGCGGGCTCCGGAGTGAAGCTGCAAGCGGAGAAATCACGGCCGGTGATG
CAGGCCTGA
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001270960

Insert Size: 906 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001270960.1](#)

RefSeq Size: 1248 bp

RefSeq ORF: 906 bp

Locus ID: 51070

UniProt ID: [Q9Y314](#)

Cytogenetics: 19q13.33

MW: 33.2 kDa

Gene Summary: The protein encoded by this gene may modulate the activity and localization of nitric oxide synthase (endothelial and neuronal) and thus nitric oxide production. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2012]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (1).