

## Product datasheet for **SC320872**

### NOSIP (NM\_015953) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NOSIP (NM\_015953) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NOSIP  
**Synonyms:** CGI-25  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_015953.3  
AAGCGACCGAGGGACTGGGAGTCGTTAGTGAGAGTTTCACTCTTGTTCCTAGGCTGGAG  
TGCAATGGTGCATCTTGGCTCATCACGACCTTCGCCTCCAGGTTCAAGTGATTGTCCC  
ATTTACAGCCTCCCGAGTAGCTGGGATTACAGGATGACGCGCATGGCAAGAACTGCACCG  
CAGGGGCCGTCTACACCTACCACGAGAAGAAGAAGGACACAGCGCCTCGGGCTATGGGA  
CCCAGAACATTGACTGAGCCGGGATGCCGTGAAGGACTTCGACTGCTGTGTCTCTCCC  
TGCAGCCTTGCCACGATCCTGTTGTACCCAGATGGCTACCTGTATGAGCGTGAGGCCA  
TCCTGGAGTACATTCTGCACCAGAAGAAGGAGATTGCCCGCAGATGAAGGCCTACGAGA  
AGCAGCGGGGCACCCGGCGGAGGAGCAGAAGGAGCTTCAGCGGGCGCCTCGCAGGACC  
ATGTGCGGGGCTTCTGGAGAAGGAGTCGGCTATCGTGAGCCGGCCCTCAACCTTTCA  
CAGCCAAGGCCCTCTCGGGCACCAGCCAGATGATGTCCAACCTGGGCCAGTGTGGGTC  
CTCCAAGTAAGGACAAGGACAAAAGTGCTGCCAGCTTCTGGATCCCGTCGCTGACGCCC  
AAGCCAAGGCCACCAAGCTGGAGAAGCCGTCCCGCACGGTGACCTGCCCATGTCAGGGA  
AGCCCCTGCGCATGTCCGACCTGACGCCCGTGCCTTACACCCGCTAGACAGCTCCGTGG  
ACCGCGTGGGGCTCATACCCGCAGCGAGCGCTACGTGTGTGCCGTGACCCGCGACAGCC  
TGAGCAACGCCACCCCTGCGCTGTGCTGCGGCCCTCTGGGGCTGTGGTCAACCCTCGAAT  
GCGTGGAGAAGCTGATTCGGAAGGACATGGTGGACCCTGTGACTGGAGACAACTCACAG  
ACCGCGACATCATCGTGTGCAGCGGGGCGGTACCGCTTCGCGGGCTCCGGAGTGAAGC  
TGCAAGCGGAGAAATCACGGCCGGTGATGCAGGCCTGAGTGTGTGCGGGAGACCAATAA  
ACCGCTTGGGTGCGCAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_015953



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_015953.3</a> , <a href="#">NP_057037.1</a>
<b>RefSeq Size:</b>	1116 bp
<b>RefSeq ORF:</b>	906 bp
<b>Locus ID:</b>	51070
<b>UniProt ID:</b>	<a href="#">Q9Y314</a>
<b>Cytogenetics:</b>	19q13.33
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Both variants 1 and 2 encode the same isoform (1).</p>