

## Product datasheet for **MC205933**

### **Nsun6 (NM\_028950) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nsun6 (NM_028950) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nsun6
Synonyms:	4933403D21Rik; 4933414E04Rik; NOPD1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC053751  
 GGTTTTGGAAAATAGCATGTCAGAGTGGATCTAGGCGCTGTCTGTTTTCCGATCTGCGTTTAGGTACACT  
 TTTTGTACCAAGCCCTATTTGGCGCAGTGTCCGAGTTCGGAGCTGTCTCACAGCATCCCAGAGAACGAC  
 AAACCTTGGGCCCTGCTCATTCCAGAACTCAGCACTGAAAGGCATTCTTGTGCTCGTCCATTGGCTGGCA  
 ACGCTGAAATTCGGAAATAAAGACTGCTTCCCAACATTTCTTGGACAACATAAAACAGAAAAAATCAA  
 AAGAATGTATGTATTTCCAAAGATATCTTTGAGACCTGAAGTTGAAAACTATCTCAAAGAGAGCTTTTTG  
 AACGAGGAGGCTGTGTCTGCTTCAAGCAGACAAGAAGCAGAAAGGAAATTTGAGACTCTGTGCTTCGCC  
 TGTACACCCCTCCGTCGATGACAACCTGTACAGAGTGAATACGCATTTAGGCTCAGTTCAGCATGTCAGAGG  
 TCTGCTGCTTGAAGAGCTCCAGAAGCAGTTTGGTGAATCCAGCATTCTGTTGTTGAGCATCCAGCCCTC  
 CCGGATGTCTTGCTCATCCCATGACTGGACCAAGGAAGAATATAGAAAGACAACAGGGTGAAGTGATTG  
 TTGGCGCACAGTGTGGCAATGCAGTGTTAAGAGGGGCCATGTCTATGTTCCAGGAATTGTGTCAGCTTC  
 AAAATTTATGAAAGCTGGAGATGTTATTTCCGTGATTCTGATATTAACGGCAAATGTAAGAAAGGAGCC  
 AAAGAATTTGATGGAACAAAGTATTTCTCGAAACGGAATTTCTGAACTGAGCCGCAAAGATATCTTCA  
 ATGGGTTACCTGATCTGAAAGGTATAGGCATAAGAATGACAGAACCATATATCTCAGTCCCTCGTTTGA  
 CAATGTTCTACCCAGTTATATATTTTACAGAATTTACCATCTACAGTTGTAGCTCATGTTCTTGATCCT  
 CAACCTGGAGAGAAGATTCTAGAGATGTGTGACGCCCTGGGGGCAAACTACACATACTGCAGCACTGA  
 TGCAGGACAAGGGAGAAGTAATAGCATTGGACAAAATATTGACAAAAGTGAACAACTGAAGCAGAATGC  
 TTCATTATTAGGGCTTCATTCTATCCGGGCATTTTGTTCGATGCAACAAAGGCCTTAAGCTTGATACT  
 ACCGATGGCATAGAAGGGGGGCCCTCATTCTTACCAGAATCTTTTGACCGAATTAATCCTTGATGCACCC  
 GCAGTGGAAATGGACAGAGGGCCAAATATGGCTTGTACTTGGACTTTAAAGGAAGTACATCCTATCAGCC  
 ACTACAGCGAAAACCTCCTCATGTGGCAGTTCACTCCTGAAGCCAGGGGAGTGTGCTGTACAGCACA  
 TGCACAATAACCTTGGCAGAAAATGAAGAGCAAGTTGCCTGGGCCCTCCGAACATTTCCCTGCCTCAGC  
 TTCAACCCAGGAACACAGATTTGGAGGAGAAGGGATGGTGGGAGCTGGCCTGACATTTGGAGCAATTTGA  
 GCAGCTGCAGCGATTTGATCCGTCTGTTGTACCCTGCAGAACATGGACACTGATTCTCTTGGAGAGGCC  
 AGAAGGGAAGACATGATTTGGTTGGCCAACAAAGACTGTATAGGCTTCTTTATTGCAAAGTTTCTAAAAT  
 GTCAAAGCACAAAAGCGAAGTTTCTCAGAAATGAAAATCTGAAGACTGTCTGTGTGGGGCTTTTTTCT  
 TTACACAGAAGTGTGTCAAGCCAACGGAGTGATGGCATGGTTGCTCAGGAAACAGGATGATGCTAATGG  
 CTTCCCTGGGATCGGAAGGAGCAGCATGCATACGTGGTTCTGGGAAAGTGGGGATAGGAAAGCATAATC  
 AGCCTCATGCTTTATGAAAGGAAAGGAGTTGCCTGTGGGGTCTGGAATATAATTCAGTTTTAACTCAT  
 AACTATTAGTCTTTCTAATGTCATAAATATTGTCTTTCTATCAAAAAAATAGTTTGAACAAGAACAA  
 AGCTCTAAAGCTTTCAAGTGGTTATGAAAACTGTTTTAGTTTCCAAGATGGTGGTAGCTTCTTCAGTA  
 AGTTTTACAGGACATGGACAGTAACCTAATCATAACTGAGGTAAGTAGGCTCGTTGCTGGAGTCT  
 GCCTCTGTCTCTCTGCTTACTGATTGTAATCTGGCTTCTTAATTTAAAGGTTTATTTCTGACTGAG  
 TATGTGTGTGGAACACATGGTGAAGTCAGAGGACCACGTTTGAGAATCAGTTTCTCGCCTACCTTGGG  
 TTCTGAAGCTTGATCTCAGATCCTCAGGTTTGTGTTGCAAGTCTTTTTCCCTGCTGAGTCATTTACCA  
 GGCCGACAGTCACTTCTAAATAAAGCTTGGATTTGCGCTAAATACTTTGAAAGGTGAAGTCTAGTGATT  
 ACGTTGTAGTTAAAATGGCCATTGAGAAGTACTCCACATTTTGGCTGATTTTATCATCTTTGGGAACAG  
 ACATCATGCAAAAATAAGGAAATGCTTGGTGAAGGAGGAGAAAAGCAGTTACTGAGAGCCAGGACTCCC  
 ATCCCCAGGAGCTGTTCCAGAGGTTATTATGTTAGAGTTCTAGATTTAAAGGGTTGCCTTTTTACTATAA  
 AATTACAACCAGAAGACACAAAAGACTTGTCCATCATTCTTCTGTCAATTTCAAAGGCCATTTCA  
 AAGGTATCAATGGAAGTTCTCCCCAAGGTATGAAGAACGGTCTACTCTGTCAGAAAATTTGTGGATCA  
 AGCTTCATGATTCATTAGGGTCAAGTATAAAAAGGCTTTTATTTTACATTATATGATTGATATTCTTATA  
 GCAGAAAAATAAAGGATTTAACTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI  
 ACCN: NM\_028950  
 Insert Size: 1431 bp

<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>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="#">BC053751</a> , <a href="#">AAH53751</a>
<b>RefSeq Size:</b>	2923 bp
<b>RefSeq ORF:</b>	1431 bp
<b>Locus ID:</b>	74455
<b>UniProt ID:</b>	<a href="#">Q7TS68</a>
<b>Cytogenetics:</b>	2 A2
<b>Gene Summary:</b>	<p>May have S-adenosyl-L-methionine-dependent methyl-transferase activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>