

Product datasheet for **RN201339**

Nsun6 (NM_001107367) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nsun6 (NM_001107367) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nsun6
Synonyms:	Nopd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201339 representing NM_001107367
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATGTATTTCCAAGATATCTTTGAGACCTGAAGTTGAAAATATCTCAAAGAGAGCTTTTGAACG
 AGGAGTTGTGTCTGCTTCGAGCCAACAGGAAGCAGAAAGGAACCTTTGAGACTCTGCTGCTTCGCCGTGC
 ACACCCTCCGTTGTTACGACTGTCAGAGTGAATACGCATTTAGGCTCAGTTGAGCATGTGAGAGTCTG
 CTGCTTGAAGAGCTTCAGAAGCAGTTTGGTGGATCCAGCATTCCCGTTCTTCAGCATCCAGCCCTCCCGG
 ATGTTCTACTCATCCCCATGACTGGACCAAGGAAGAATATAGAAAGACAACAGTGTGAAGTGATTGTTGG
 TGCACAGTGTGGCAATGCAGTATTAAGAGGGGCCATGTCTATGTTCCAGGAGTTGTATCAGCTTCAAAG
 TTTATGAAAGCTGGAGATGTCGTTTCTGTGATTCTGATATTAAGGGAAATGTAAGAAAGGAGCCAAAG
 AGTTTCGATGGAATAAAGTATTTCTGGAAACGGAATTTCTGAACTAAGCCGAAAGATATCTTCAATGG
 GTTACCTGATCTGAAGGGTATAGGCATAAGAATGACAGAACCATATATCTCAGTCCCTCATTTGACAAT
 GTTCTATCTGTTATATATTTTTACAGAAATTTGCCATCTACGGTTGTAGCTCATGTTCTTGATCCTCAAC
 CTGGAGAGAAGATTCTAGATTTGTGTGCAGCACCAGGGGGCAAACTACACACATTGCAGCACTGATGCG
 CGACCAGGGAGAAGTAATAGCATTGGACAAAATACTGACTAAAGTGACAAAATTAAGCAGAATGCTTCA
 TTATTAGGACTGCATTCTATCCGGGCGTTTTGCTTTGATGCAACAAGGCTCTTAAGCTGGAGGTGATGG
 ACGGCGTAGACGGGGCACCTCCATTCTTACCAGAACTTTTGACCGAATTCCTTGCAGCGCCCTGCAG
 TGGACTGGGACAGAGGCCAAATATGGCTTGCACTTGGACTTTGAAGGAAGTGACATCCTATCAGCCACTG
 CAGCGAAAACCTCTTAATGTGGCGGTTGACTCCTGAAGCCAGGGGTGTGCTGGTCTACAGCACGTGCA
 CAGTAACCTCTGGCAGAAAACGAAGAGCAAGTCCGCTGGGCCCTCAGAACATTTCCCTTCAACTTCA
 ACCCCAGGAACCCACAGATCGGAGGAGAAGGGATGCTGGGAGCTGGCCTGTCACTGGAGCAGCTGAAACAG
 CTGCAGCGCTTTGACCCGTGTGTTGTGCCTCTGGAGAGCATGGACACGAACCTCTTGGAGATGCCAGAA
 GGGAAAGACGTGATTTGGCTAGCCAACAAGGATTGTATAGGCTTCTTTATTGCAAAGTTTCTAAAATGTCA
 AAGCACAGAAAGGAAGTTTCTCGGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107367

Insert Size: 1431 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_001107367.2](#), [NP_001100837.1](#)
RefSeq Size: 2063 bp
RefSeq ORF: 1431 bp
Locus ID: 307148
Cytogenetics: 17q12.3