

Product datasheet for **RN211116**

Nr0b2 (NM_057133) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nr0b2 (NM_057133) Rat Untagged Clone
Tag: Tag Free
Symbol: Nr0b2
Synonyms: Shp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211116 representing NM_057133
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCTCCAGCCAATCAGGGTCTGCCATGCCAGGGCTCTGCAAGCCACCCACCATTCTCTACACAC
TTCTAAGCCCCGGTCCCAGGACCAGGCCATGGCACCCGCATCTCGCAGCCACTGCCTGTGCCAGCAACA
CCGGCCTGTGCGCTGTGTGCTCCACACCGCACCTGCAGGGAGGCCTTGGATGTCCTAGGCAAGACTGTA
GCCTTCCTCAGGAACCTGCCGTCTTCTGCCTCCTGCCCATGAGGATCAGCGACGGCTGCTAGAGGGCT
GCTGGGGCCCTCTCTTCCTGCTTGGGTTGGCCAGGATACTGTGACCTTTGAGGTGGCCGAGGCTCCGGT
CCCCAGCATACTTAAAAAGATCTTGCTAGAGGAACCCAACAGTGGTGCCAGGGTGCCAGCCACCAGAC
CCACCACAACCCTCACTGGCTGCCGTGCAGTGGCTGCAGCACTGCCTGGAGTCTTTCTGGAGCCTTGAGC
TGGGTCCAAGGAGTACGCATACCTGAAAGGCACTATCCTCTTCAACCCAGATGTGCCAGGCCTCCATGC
CTCCTGCCACATTGCACACCTGCAACAGGAGGCTCACTGGCATTGTGTGAAGTCTGGAGCCCTGGTAC
CCAGCTAGCCAAGGCCGCTGGCCGAATCCTCCTCATGGCTCCACCCTCAAGAACATCTCCTGTACCC
TTCTGGTAGATCTTTCTCCGCCCTGTCATCGGAGATGTTGACATCACTGAAGTCTTGAAGACATGCT
TTTGTGAGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057133
Insert Size: 783 bp



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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:	<ol style="list-style-type: none">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_057133.1 , NP_476474.1
RefSeq Size:	1111 bp
RefSeq ORF:	783 bp
Locus ID:	117274
UniProt ID:	P97947
Cytogenetics:	5q36
Gene Summary:	interacts with peroxisome proliferator-activated receptor alpha (PPAR alpha); can form a dimer with other nuclear hormone receptors [RGD, Feb 2006]