

Product datasheet for **RN201854**

Npvf (NM_023952) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Npvf (NM_023952) Rat Untagged Clone
Tag: Tag Free
Symbol: Npvf
Synonyms: Rfrp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201854 representing NM_023952
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAATTTTCATCAAAGCGATTCAATTTTATTGACTTTAGCAACTTCAAGCTTCTTAACTTCAAACA
CCCTTTGTTTCAGATGAATTAATGATGCCCATTTTCACAGCAAAGAAGGTTATGGAAAATATTACCAGT
GAGAGGAATCCCAAAGGGTAAAGGAAAGAAGTGTCACATTTTCAAGAACTCAAAGATTGGGGGCAAAG
AAAGATATTAAGATGAGTCCAGCCCTGCCAACAAAGTGCCCACTCAGCAGCCAACCTTCCCCTGAGGT
TTGGGAGGAACATAGAAGACAGAAGAAGCCCCAGGGCACGGGCAACATGGAGGCAGGGACCATGAGCCA
TTTTCCCAGCCTGCCCAAAGGTTTGGGAGAACAACAGCCAGACGCATCACCAAGACACTGGCTGGTTTG
CCCCAGAAATCCCTGCACTCCCTGGCCTCCAGTGAATTGCTCTATGCCATGACCCGCCAGCATCAAGAAA
TTCAGAGTCTGGTCAAGAGCAACCTAGGAAACGGGTGTTACGGAAACAGATGATGCAGAAAGGAAACA
AGAAAAATAGGAAACCTCCAGCCAGTCCTTCAAGGGCTATGAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_023952
Insert Size: 612 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).



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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:	<u>NM_023952.1</u> , <u>NP_076442.1</u>
RefSeq Size:	612 bp
RefSeq ORF:	612 bp
Locus ID:	60570
UniProt ID:	<u>Q9ESQ9</u>
Cytogenetics:	4q24
Gene Summary:	binds neuropeptide receptor FF1; blocks morphine induced analgesia in acute and inflammatory pain models; may play a role in nociception and anti-opioid response [RGD, Feb 2006]