

Product datasheet for **MC213038**

Npffr1 (NM_001177511) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Npffr1 (NM_001177511) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Npffr1
Synonyms:	Gm236; Gpr147; NPFF1; NPFF1R; OT7T022
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC213038 representing NM_001177511
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGCGGAACCTCCAGCCTCCCAACGGCAGCTGGCCCCGAGTCTGAACGAGAGTGATGCTGAAA
 CCGCCCCGGTGGCCAGCCTCACCTTCTTCTCTACTACCAGACTCCTCTCCGGTGGCCGCATGTTTCAT
 CGCCGCCTACGCGCTCATCTTCTCTCTGATGGTGGGCAACACCCTGGTCTGCTTCATCGTGCTTAAG
 AACCGGCACATGCGCACTGTACCAACATGTTTCATCTCAACCTGGCCGTGAGCGACTGCTGGTGGGCA
 TCTTCTGCATGCCACAACCCTCGTGGACAACCTATCACCGTTGGCCTTTTGACAATGCCACATGCAA
 GATGAGCGGCTTGGTACAGGGCATGTCCGTGTCTGCGTGGTTTTACACTGGTGGCCATTGCCGTGGAG
 AGGTTCCGCTGCATCGTACACCCTTCCGTGAGAAGCTGACCCTCCGGAAGGCGTGCTCACCATAGCGG
 TGATCTGGGCGTGGCGTGTCTCATGTGTCCCTCGGCGTCACTCTGACCGTACCGGAGAGGAGCA
 TCACTTATGCTGGATGCTCGCAACCGCTCCTACCCTCTACTGCTGGGAGGCCTGGCCCGAGAAG
 GGCATGCCAAGGTCTACACCGCGTGTCTTCGCGCACATCTATCTGGCGCCGTGGCGCTCATCGTGG
 TGATGTACGCGCGCATCGCGCGCAAGCTGTGCCAGGCCCCCGGTCCAGCGCGCGACGCGGAGGAGCGGT
 GGCCGAGGGTGGCCGCGCGTCCGCGCCGAGGGCCCGTGGTGCATATGCTGGTTCATGGTGGCGCTTTC
 TTCACCTGTCTGGTGGCCTCTGGGTGCTGCTGCTCATCGACTACGGGAGCTGAGCGAGCTGC
 AGCTGCACTTGTGTCCGTCTACGCCTTCCCGTTGGCACACTGGTGGCCTTCTTCCACAGCAGCGCCAA
 CCCATTATCTACGGTACTTCAACGAGAACTCCGCGCGGCTTCCAGGCTGCCTCCGGGCACAGCTC
 TGCTGGCTTCCCTGGGCGCCACAAGCAAGCCTACTCCGAGCGGCTGGCCGCCTCTGCGCAGGCGGG
 TGGTGGTGGAGCTGCAACCCAGCGACTCAGGGCTGCCATCGGAGTCTGGCCCCAGCAGTGGGGTCCCAGG
 GCCTAACCGGCTGCCATTGCGCAATGGCGTGTGGCCACCAGGATGGCCCGAGGGAAGGCGCTGGCTGC
 AACCATGCCCCCACTATCCAGCCTGGAACATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2211_d07.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001177511

Insert Size: 1299 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_001177511.1, NP_001170982.1</u>
RefSeq Size:	1307 bp
RefSeq ORF:	1299 bp
Locus ID:	237362
Cytogenetics:	10 B4