

Product datasheet for **RN201459**

Nphp1 (NM_001106506) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nphp1 (NM_001106506) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nphp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201459 representing NM_001106506
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGTTGGTGGCTGGCTAAAGATGCTGAAGGAGGTGAAGGTCTCATTCCCAGGACCTACTTGGAGAACTG
 ATTCCCAGTGGAGTGCAGTTAGAAAAGCTATCTCAGAGCAGATAAACACAGTTGATGTGTAGCCACAAT
 GGGAGCCATTCTGCAGGGTTCGGCCTTCCACACTCTCCAGCTGCTGGATGAAGCAGGGGGCCGCTTT
 CGAGCAAGCTACTTCTGCAGCCGAGCTCACGACATCACAGCTGGCCTTCAGGGATCTAACGTGGGATG
 CCAAGACAGGCACGATCATGTCAAGACCAAGTCGTGTTTCATTGATTCTGACCCTATGGAGCTGTAAAT
 GATTCTCTCCCAGGAACAAGCATACAGGTCTCAGCAGACACATCCGCCTCTGCCTGTTTGACGGCAGC
 AAGTCTCTGAGTAATATTCATACAGTCCGTGCCGTGTGGCAGCCTAAAAAGCCAAAAACATGGACCTTTT
 CTCCTCAGGTCACTGGCATCTTGCCATGCTTGTCTGATGGTGACTGTTTTATCAGGTCCAATTCTTCAAC
 TCCAGACCTCGGATATTATTTGAAGTTGGAATTTCTTATATTCGCAATTCGACTGGTGAGAGAGGAGAG
 TTAAGCTGTGGCTGGGTGTTTCTTAAGCTTTTCGATGCCAGTGGAGTTCTATTCCAGCAAAAACATACG
 AACTCTTCTGAATGGCGCACTCCTTATGAAAAAGGTGTTGAAGTAGACCCCTCAGTGTCCAGAAGAGC
 ACAGGGCAGTGTTTTCCGTGAGATGATAAGTGTGCGGAGGCAACCTCAACTTCTGGTGAACTTCGGTCT
 CTGAACAGGAGGTCAAGGCCATGCTCAGTCTGCTGCCAGAACTTGGTGGGAGTATGTGCTCCGCTC
 ACTTGCTGATATTTACCGACAAATCTTGAGATGTGCTCCTGAGAGACAGGACAAGCCTGCAAAGTGC
 TGATTTAATTAGTCACCCCGTCTGGCCACCTCCCTCTGCTCCTGGAGCAGCCGATGTGATGGATGCT
 CTCAGGAGTTCCTGGGCTGAGAAAGAAAGCACACTAAAGCGATCGGAGAAGAGAGACAAAGAGCTCCTAA
 AGGCCGAGTTCCTCGGTCTACCATGACTGCGTGCTCCCTCTTCTGCATTCCACATTGCTGCCCCCTT
 TAGGTGGGCCGAGGAAGAGACAGAGGCTGCTAGATGGAAGCCATCGCTGACTTCTCAAGCAAAGCCGA
 GAGAACGAGGGTTCCTGAAGGCTCTTCTGTACCAAGATGGAGTTCACAAACATTTGACCTTTCAGAGC
 AGACCTATGACTTCTGGGTGAAATAAGAAAGAACTCAGGCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106506

Insert Size: 1374 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_001106506.1, NP_001099976.1

RefSeq Size:	3137 bp
RefSeq ORF:	1374 bp
Locus ID:	296136
Cytogenetics:	3q36