

Product datasheet for RN213037

Nxph1 (NM_012994) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nxph1 (NM_012994) Rat Untagged Clone
Tag: Tag Free
Symbol: Nxph1
Synonyms: MGC124635
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213037 representing NM_012994
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCAGGCTGCGTGGTACGTTCTTCTCTCCTGCAGCCACCGTCTACTTGGTCACGTGTGCCAATC
TAACAAATGGTGGAAAGTCGGAACCTCTGAAGTCAGGAAACAGCAAGTCTACACTAAAACACATATGGAC
AGAAAGCAGCAAAGACTTGTCTATCAGTCGGCTCCTCTCACAGACTTTCCGTGGTAAAGAAAATGGCACA
GATTTGGACCTGCGCTATGACACCCAGAACCTTATTCCGAGCAAGACCTCTGGGACTGGTTGAGGAACT
CCACAGATCTTCAGGAGCCTCGGCCAGGGCCAAAAGACGGCCATTGTTAAAACCGCAAGTTTAAAGAA
AATGTTTCGGATGGGGTGATTTTCATTCCAACATCAAAACAGTGAAGCTAAACCTGTTGATAACTGGGAAA
ATTGTAGATCATGGCAATGGAACGTTTAGTGTGATTTTCAGGCATAATCCACTGGTCAAGGGAATGTAT
CTGTCAGCCTGGTGCCCCAACAAAAATGTGGAATTCGATTTGGCACAACAAACCGTGATTGATGCCAA
AGATTCCAAGTCCTTCAACTGTCGTATTGAATATGAGAAGTTGACAAGGCCACCAAGAACACACTCTGC
AACTACGACCTTCAAAAACCTGTTACCAGGAGCAGACCCAAAGTCACGTGTCTGGCTGTCTAAGC
CCTTCAAGGTGATCTGTATTTACATTTCTTTTATAGTACAGACTATAAACTAGTACAGAAAGTATGCC
TGACTACAACCTACCACAGTGACACACCTTACTTCCCCTCCGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012994
Insert Size: 816 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:	<u>NM_012994.2</u> , <u>NP_037126.1</u>
RefSeq Size:	2500 bp
RefSeq ORF:	816 bp
Locus ID:	25501
UniProt ID:	<u>Q63366</u>
Cytogenetics:	4q21
Gene Summary:	a neuronal protein that binds neurexin I alpha [RGD, Feb 2006]