

Product datasheet for **MR203219**

Nxph3 (NM_130858) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxph3 (NM_130858) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nxph3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203219 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAACTGACCCGTTGCTGCTTCGTGTTCTAGTGCAGGGCAGCCTCTATCTGGTCATCTGCGCCAAG
ACGATGGCCCGCCTGGCTCAGAGGACCCGTAACACGATGACCATGAGGGCCAGCCTCGGCCTAGGGTGCC
TCGCAAGCGAGGTCATATCTCACCTAAGTCCC GCCCCTGGCCAACCTCCACCTCCTAGGGCTGTTAGCC
CCACCCGGGAGGTTTGGGGTGCCTTGGGCAGCCCCAACCGCCCAACAAAGTCCCTTACCCTCGA
CCAAGGTGAAAAAATATTTGGATGGGGTGATTTCTACTCCAACATCAAGACAGTGGCCCTGAACCTGCT
GGTCACAGGCAAGATTGTGGACCACGGAACGGGACCTTCAGCGTCCACTTCCGCCACAACGCCACGGGC
CAAGGTAACATCTCCATCAGCCTTGACCCCCAGCAAAGCTGTGGAGTTTCACCAAGAGCAGCAGATCT
TCATCGAAGCCAAGGCATCCAAAATTTCAACTGCCGGATGGAGTGGGAGAAGGTAGAACGGGGCCGCCG
GACCTCGCTCTGTACCCACGACCCAGCCAAGATCTGTTCCCGTGACCACGCTCAGAGCTCGGCCACCTGG
AGCTGCTCCAGCCCTTCAAAGTTGTCTGCGTCTATATTGCCTTCTATAGCACGGACTATCGACTGGTGC
AGAAGGTGTGCCAGATTACAACCTACCACAGTGATACCCCTACTACCCATCTGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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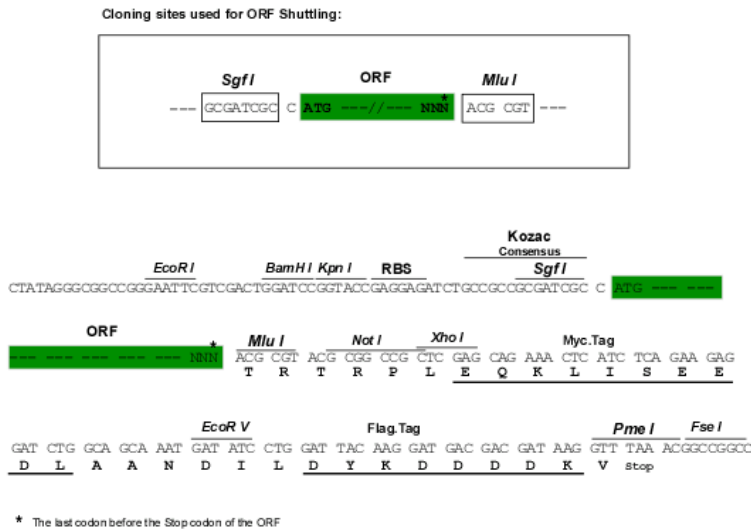
Protein Sequence: >MR203219 protein sequence
Red=Cloning site Green=Tags(s)

MQLTRCCFVFLVQGSLYLVICGQDDGPPGSEDPEHDDHEGQPRPRVPRKRGHISPKSRPLANSTLLGLLA
 PPGEVWGLGQPPNRPKQSPLPSTKVKKIFGWGDFYSNIKTVALNLLVTGKIVDHGNGTFSVHFRHNATG
 QGNISISLVPPSKAVEFHQEQQIFIEAKASKIFNCRMWEKVERGRRTSLCTHDPAKICSRDHAQSSATW
 SCSQPFKVVVCVYIAFYSTDYRLVQKVCDPYNYHSDTPYYPSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_130858

ORF Size: 759 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_130858.3](#)

RefSeq Size: 2093 bp

RefSeq ORF: 759 bp

Locus ID: 104079

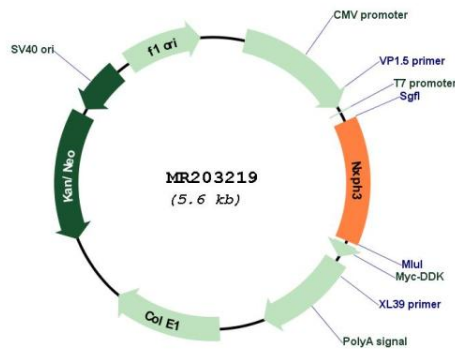
UniProt ID: [Q91VX5](#)

Cytogenetics: 11 D

MW: 28.2 kDa

Gene Summary: May be signaling molecules that resemble neuropeptides. Ligand for alpha-neurexins. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203219