

Product datasheet for **SC100319**

NXPH1 (NM_152745) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NXPH1 (NM_152745) Human Untagged Clone
Tag:	Tag Free
Symbol:	NXPH1
Synonyms:	Nbla00697; NPH1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100319 sequence for NM_152745 edited (data generated by NextGen Sequencing)

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ATGCAGGCTGCGTGCTGGTACGTGCTTTTCCTCCTGCAGCCACCGTCTACTTGGTCACA
TGTGCCAATTTAACGAACGGTGGAAAGTCAGAACTTCTGAAATCAGGAAGCAGCAAATCC
ACACTAAAGCACATATGGACAGAAAGCAGCAAAGACTTGTCTATCAGCCGACTCCTGTCA
CAGACTTTTCGTGGCAAAGAGAATGATACAGATTTGGACCTGAGATATGACACCCAGAA
CCTTATTCTGAGCAAGACCTCTGGGACTGGCTGAGGAACTCCACAGACCTTCAAGAGCCT
CGGCCAGGGCCAAGAGAAGGCCATTGTTAAACGGGCAAGTTAAGAAAATGTTTGA
TGGGGCGATTTTCATTCCAACATCAAAACAGTGAAGCTGAACCTGTTGATAACTGGGAAA
ATTGTAGATCATGGCAATGGGACATTTAGTGTATTTTCAGGCATAATTCAACTGGTCAA
GGGAATGTATCTGTCAGCTTGGTACCCCTACAAAATCGTGGAATTTGACTTGGCACAA
CAAACCGTGATTGATGCCAAAGATTCCAAGTCTTTAATTGTGCGATTGAATATGAAAAG
GTTGACAAGGCTACCAAGAACACACTCTGCAACTATGACCTTCAAAAACCTGTTACCAG
GAGCAAACCCAAAGTCATGTATCCTGGCTCTGCTCCAAGCCCTTAAGGTGATCTGTATT
TACATTTCCCTTTATAGTACAGATTATAAACTGGTACAGAAAAGTGTGCCCTGACTACAAC
TACCACAGTGACACACCTTACTTTCCCTCGGGATGA

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Clone variation with respect to NM_152745.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152745 unedited</p> <pre> ATTTGTATACGACTCCTATAGGCCGGCCCGGATTTCGGCACGCAGGGAGACGCCAGGCCCG AGTAGCTTCTCCATGGACCTGCCAGAGCGGTCCCTTCTCGCAGGATTGCCCCAAGTCC TGTGCGGCTGCTGAGAGCGCTCCTTGCTCTGTAAGTGGATGTCAGGTGGATCTATGTTT CTGAAGGAACAAAGACTCAAAGAAGGCACCGCCAAGGAAGTTTGAGACGGGGAGAATGC AGGCTCGTGTGGTACGTGCTTTTCTCCTGCAGCCCACCGTCTACTTGGTCACATGTG CCAATTTAACGAACGGTGGAAAGTCAGAACTTCTGAAATCAGGAAGCAGCAAATCCACAC TAAAGCACATATGGACAGAAAGCAGCAAAGACTTGTCTATCAGCCGACTCCTGTCACAGA CTTTTCGTGGCAAAGAGAATGATACAGATTTGGACCTGAGATATGACACCCCAAGACCTT ATTCTGAGCAAGACCTCTGGGACTGGCTGAGGAACTCCACAGACCTTCAAGAGCCTCGGC CCAGGGCCAAGAGAAGGCCCATTTGTTAAAACGGGCAAGTTTAAGAAAATGTTTGGATGGG GCGATTTTCATTCCAACATCAAACAGTGAAGCTGAACCTGTTGATAACTGGGAAAATTG TAGATCATGGCAATGGGACATTTAGTGTTATTTAGGCATAATTCAACTGGTCAAGGGA ATGTATCTGTCAGCTTGGTACCCCTACAAAAATCGTGGAAATTTGACTTGGCACAAACANA CCGTGATTGATGCCAAAGATTCCAAGTCTTTTTAATTGTCGCATTNGATATGAAAANGGT TGACANGGCTACCAAGAAACACACTCTGCACTATGACCCTTCANAACCTGTACAGNAGC AACCCAC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152745 unedited</p> <pre> ATATCTGTGNNACCGCGGCCGAATCTAGGATCGATTTTTTTTTTTTTTTTTTTTGGAACTC AACTTTAAGTGTTTTATTTTTATGTACATTTTCTTTTTTCCAGAAATAAAATATCTAAAT ACAGACAGACTGTAATGTTGTATATGTATAGCTTCAACAATACTTGATCTGAATAAATG CTCTGTACATTAAGTTTGTCTTTTTAATGGCCTTCACAGCTACATTGATAAAATGAATTC CTCATATCCTTTTTTCTTAACCAATAACAAGCAGAGAGACAAGTACAAGTTAATATTAAT AAGCAGCTCAAATAACACTTGGTTAAACTATGTACAATACAAACCATTATACAAATGAA GACTAGGATATTGAATTTGTTACAATATGTGTAGTAAAGATAAGACAGACTTATAACT TACATGGTGTCTGCCAGGCATTTCCCTTCTTATAATGATCAGAACTTATTTTAAGCAG CCTTAGCTGGTGTCAACTTCACAAAAGTCCAATGATTGGTGATGAAAAGTTGTTATCCCAA TGTCTGCCACATGTAATTTCAAATGTTTGTCTCATCTTACTGAGAACAGGCCCTTTTC AAAGAAAAAAGAGCCATCTTGGACCACTTTGAATGTGCCTACTGTATGCTGGAAAAAAGT TACTACATTTTGTGTGTTTGTAAAATAAAGAATACTGAGCTCTAAAGACACATTTTTTCC ATTTTAAACAGCAGATACTCCTACAGTAGTATTTACCAGTACAGCTACTCCAAGCAGTAN GAATGCATGAGTGAGATTATTGATTAGCATGTAAGACTTTAAAAGAGATTTCCTCC ATACAGCACTGTTAGAAACATTCTGTCTAGTTAATCCTTCCGTTTGTGATAGTTGAT CCTGAACCTTATGAGTCAGACATGAAGCCCTCTCACAGAATCATGATAN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152745
Insert Size:	2250 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:	<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:	NM_152745.1 , NP_689958.1
RefSeq Size:	2918 bp
RefSeq ORF:	816 bp
Locus ID:	30010
UniProt ID:	P58417
Cytogenetics:	7p21.3
Protein Families:	Secreted Protein
Gene Summary:	This gene is a member of the neurexophilin family and encodes a secreted protein with a variable N-terminal domain, a highly conserved, N-glycosylated central domain, a short linker region, and a cysteine-rich C-terminal domain. This protein forms a very tight complex with alpha neurexins, a group of proteins that promote adhesion between dendrites and axons. [provided by RefSeq, Jul 2008]