

Product datasheet for **SC126205**

NXPH4 (BC036679) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NXPH4 (BC036679) Human Untagged Clone
Tag:	Tag Free
Symbol:	NXPH4
Synonyms:	neurexophilin 4; NPH4
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC036679 edited
 AGCGGGGCGGCTCCGCGCCTCGCGCCAGTCCGCGGGCCGCGCCGCCGCTCCCGCCGCTC
 CCGCCGCTCCCGCAGCCGCCCGCCGCCCGCCGGAGCCCGCGTCCCTAGGCCTGGCTC
 CCGCCTGCCCCGAGACCCGCCAGCTGCCCGCTCAGCCGCCAGAGAAGATGCGGCTGCT
 CCCGGAATGGTTCTTCTGCTCTTTGGCCCGTGGCTCCTTAGGAAGGCCGTCAGTGCCCA
 GATACCAGAGTCCGGAAGGCCGAGTACCTGGGGCTGCGCCCCGCCGCGCCGGAGCGGG
 TGCCCCCGGCCAGCAGCTCCCAGAGCCAAGGTCTACGGACGGCCTAGGCGTGGCCCGGC
 CTGGAGCTGGCCCTGGCCGACCAACCACACGGGGCGCTGGCCCGGGCAGGGGCAGCCGG
 GCGTTGCCCGCGCAGCGCACCAAGAGGAAGCCGTCCATCAAGGCGGCGCGCCAAAAA
 GATCTTCGGCTGGGGGACTTCTACTTTTCGGGTGCATACCCTCAAGTTTTCGCTGCTGGT
 GACCGGAAGATCGTGGACCATGTGAACGGTACCTTCAGTGTGTATTTCCGCCACAACCTC
 GTCCAGCTGGGCAACCTCAGTGTGAGCATCGTCCGCCCTCAAGCGTGTGAGTTCGG
 AGGAGTCTGGCTGCCCGGCCCTGTCCCCACCCTCTGCAGTCTACGCTCGCCCTGGAGGG
 GGTGCTTCTGGCTGGGGCCCCGCTGGGGATGGCAGCAGCAGCGGGGGCCGGGGCT
 TGGGGGCTCCCTCGGGGCGCACTGGCGGGCCGCTTGGGGGCGGTTGGGAGTGCCTGG
 GGCCAAAGAGTACGCGCTTTCAATTGCCACGTGGAGTATGAGAAGACAAACCGCGCGG
 CAAGCACCGACCGTGCCTGTACGACCCATCGCAGGTGTGCTTACCGAGCACACGAGAG
 CCAGGCCGCTGGCTCTGTGCCAAGCCCTCAAAGTCACTGTATCTTCGTCTCTTTCT
 CAGCTTTGACTACAACTGGTGCAGAAGGTGTGCCAAGACTATAACTTCCAGAGTGAGCA
 CCCCTACTTCGGATAGCGCCCTCCCAGCCAGTCTGAGCCTCCCGCCAAATCCCAGCC
 TCACTAGTGGGACCCCTTCCCAGTGTCTGCCGCTCCTGTGGCCATGTGCCCCACTCC
 TTCCACTCTGGGGCGGAGGGGAATGGCTTCTCGGGACCCTCAGCTAGCGTGGGTGCCCT
 TTTCTTATGCGGAGTGCCTCGAAGGCTGGGGTAGCCCCCTCCAGTACACCCCAAAGTGA
 AAGGGATAAGAGTGCAGCCAGAAATAGCGGGGCTTGGAGGCGGTCCCAATGTCCCTG
 GGTCCACAGTGGTCCCTTTTACCCTTGGCGTAGGCTGCGCACTCCCTTTCCCGCA
 GCTTTAATAACTCCTGGCCTGGCACCTCACCCACCCTGACTTTCCAATCCCCAGCGC
 TTGTCTGCTTACCCTACCCCGCCTAAGACTGTAAAGGCTAAAAACCTCGGCCTGTCC
 TCCCACCATCTGCCTGCCATATGCTGTCCCCTTTTCTCCAAACCTACTAGGGTACC
 GGAAGCAGAACCCCTGGGCTGAGGCCCTGGCCCTGCCCGGGCCCTGCCCTGCCCGCC
 CCCCTCCAGTCCAGGCAGTGCAGCTCCACCTGCCCTCTCTGCTTCTCTCGGTGAT
 ATTTTTTCTACGCCAAAACAGACGGGAAAGGGAACAAAATAAAGTGAAATCCAAAAAAA
 AAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC036679 unedited
 NNGGGTCAGGATTTGTATACGACTCACTATAGGCGCGCCGCGATTCCCGGGATCGCAGCC
 GCCCGCGCCCGCCCGGAGCCCGCGTCCCTAGGCCTGGCTCCCGCCTGCCCGAGACC
 GCCCAGCTGCCCGCTCAGCCGCCAGAGAAGATGCGGCTGCTCCCGGAATGGTTCTCT
 TGCTCTTTGGCCCGTGGCTCCTTAGGAAGGCCGTCAGTGCCAGATACCAGAGTCCGGAA
 GGCCGAGTACCTGGGGCTGCGCCCCGCCGCGGGCAGCGGGTGCCCCGGCCAGCAGC
 TCCAGAGCCAAGGTCTTCGGACGGCCTAGGCGTGGGCCGCGCTGGAGCTGGGCCTGGC
 CGACCAACCACACGGGGCGCTGGCCCGGCAGGGCAGCCGGGCGTTGCCCGCAGC
 GCACCAAGAGGAAGCCGTCCATCAAGGCGCGCGCCAAAAAGATCTTCGGCTGGGGGG
 ACTTCTACTTTTCGGGTGCATACCCTCAAGTTTTTCGCTGCTGGTGACCGGAAGATCGTGG
 ACCATGTGAACGGTACCTTCAGTGTGTATTTCCGCCACAACCTCGTCCAGCCTGGGCAACC
 TCAGTGTGAGCATCGTCCCGCCCTCAAGCGTGTGAGTTCGGAGGAGTCTGGCTGCCCC
 GGCTGTCCCCACCCTCTGCAGTCTACGCTCGCCCTGGAGGGGGTGCTTCTGGGCTGG
 GGCCCCCGCTGGGGATGGCAGCAGCAGCGGGGGCCGGGGCTTNGGGCTCCCTCGGGG
 GCGCACTGGCGGGCCGCTTGGGGGCGGTTGGGAGTGCCTGGGGCCAAAGATCACGCGC
 TTTCAATGCCAGTGGAGTATGAGAAGACAACCGCGCGCGCAGCC

Restriction Sites: NotI-NotI
ACCN: BC036679

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:	BC036679.1 , AAH36679.1
RefSeq Size:	1808 bp
Locus ID:	11247
Cytogenetics:	12q13.3
Protein Families:	Secreted Protein
Gene Summary:	May be signaling molecules that resemble neuropeptides and that act by binding to alpha-neurexins and possibly other receptors.[UniProtKB/Swiss-Prot Function]