

## Product datasheet for **SC303893**

### **NXPH4 (NM\_007224) Human Untagged Clone**

#### Product data:

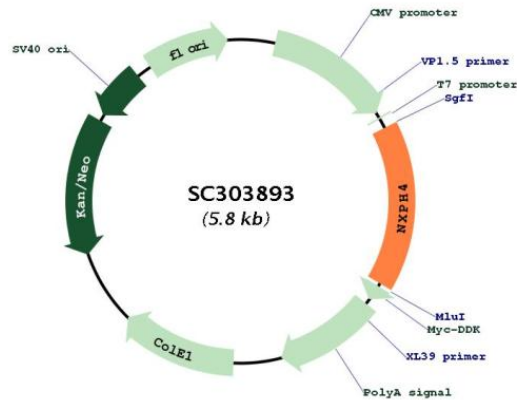
Product Type:	Expression Plasmids
Product Name:	NXPH4 (NM_007224) Human Untagged Clone
Tag:	Tag Free
Symbol:	NXPH4
Synonyms:	NPH4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303893 representing NM_007224. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCGGCTGCTCCCGAATGTTCTCTTGCTCTTTGGCCGTGGCTCCTTAGGAAGGCCGTCAGTGCC
CAGATACCAGAGTCCGGAAGGCCGAGTACCTGGGGCTGCGCCCCGCCGCGGGAGCGGGTGCSCCC
GGCCAGCAGCTCCAGAGCCAAGGCTTTCGGACGGCCTAGGCGTGGGCCGCGCCTGGAGCTGGGCCTGG
CCGACCAACCACCGGGGCGCTGGCCCGGCAGGGGAGCCGGGGCGTTGCCCGCAGCGCACCAAG
AGGAAGCCGTCATCAAGGCGGCGCGCCAAAAAGATCTTCGGCTGGGGGACTTCTACTTTCCGGTG
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TATTTCCGCCACAACCTCGTCCAGCCTGGGCAACCTCAGTGTGAGCATCGTGCCGCCCTCCAAGCGTGC
GAGTTCGGAGGAGTCTGGCTGCCCGGGCCTGTCCCCACCTCTGCAGTCTACGCTCGCCCTGGAGGGG
GTGCTTCTCGGGCTGGGGCCCCGCTGGGGATGGCAGCAGCAGCGCGGGGCCGGGGCTTGGGGGCTCC
CTCGGGGGCGCACTGGCGGGGCCGCTTGGGGGCGGTTGGGAGTGCCTGGGGCCAAAGAGTCACGCGCT
TTCAATTGCCACGTGGAGTATGAGAAGACAAACCGCGCGCAAGCACCGACCGTGCCTGTACGACCCG
TCGAGGTGTGCTTACCAGACACGCAGAGCCAGGCCCGCTGGCTCTGTGCCAAGCCCTTCAAAGTC
ATCTGTATCTTCGCTCTTTCTCAGCTTTGACTACAACTGGTGAGAAGGTGTGCCAGACTATAAC
TTCCAGAGTGAGCACCCCTACTTCGGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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**Plasmid Map:**


**ACCN:** NM\_007224

**Insert Size:** 927 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_007224.3](#)

**RefSeq Size:** 1821 bp

**RefSeq ORF:** 927 bp

Locus ID:	11247
UniProt ID:	<a href="#">O95158</a>
Cytogenetics:	12q13.3
Protein Families:	Secreted Protein
MW:	33.1 kDa
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]