

## Product datasheet for **SC111718**

### **SNX3 (NM\_003795) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SNX3 (NM_003795) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX3
Synonyms:	Grd19; MCOPS8; SDP3
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111718 sequence for NM_003795 edited (data generated by NextGen Sequencing)

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ATGGCGGAGACCGTGGCTGACACCCGGCGGCTGATCACCAAGCCGAGAACCTGAATGAC
GCCTACGGACCCCCAGCAACTTCTCGAGATCGATGTGAGCAACCCGCAACGGTGGGG
GTCGGCCGGGGCCGCTTACCACTTACGAAATCAGGGTCAAGACAAATCTTCTATTTTC
AAGCTGAAAGAATCTACTGTTAGAAGAAGATACAGTGACTTTGAATGGCTGCGAAGTGAA
TTAGAAAGAGAGAGCAAGGTCGTAGTTCCCCCGCTCCCTGGGAAAGCGTTTTTTCGTCAG
CTTCTTTTAGAGGAGATGATGGAATATTTGATGACAATTTTATTGAGGAAAGAAAACAA
GGGCTGGAGCAGTTTATAACAAGGTCGCTGGTCATCCTCTGGCACAGAACGAACGTTGT
CTTCACATGTTTTTACAAGATGAAATAATAGATAAAAGCTATACTCCATCTAAAAATAAGA
CATGCCTGA
```

Clone variation with respect to NM\_003795.4



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_003795 unedited  TGTATCCGACTTCTATAGGGCGGCCGCGATTTCGGCACGAGGGAGCCCGGGCGGGCGGCAG  CAGCTACAGCGAATGGCGGAGACCGTGGCTGACACCCGGCGGCTGATCACCAAGCCGCAG  AACCTGAATGACGCTACGGACCCCGCAGCAACTTCTCGAGATCGATGTGAGCAACCCG  CAAACGGTGGGGTGGCCGGGGCCGCTTCACTTACGAAATCAGGGTCAAGACAAAT  CTTCTATTTTCAAGCTGAAAGAATCTACTGTTAGAAGAAGATACAGTGACTTTGAATGG  CTCGGAAGTGAATTAGAAAGAGAGAGCAAGGTCGTAGTTCCCGCTCCCTGGGAAAGCG  TTTTTGCCTCAGCTTCTTTTAGAGGAGATGATGGAATATTTGATGACAATTTTATTGAG  GAAAGAAAACAAGGGCTGGAGCAGTTTATAAACAAAGGTCGCTGGTCATCCTCTGGCACAG  AACGAACGTTGTCTTACATGTTTTTACAAGATGAAATAATAGATAAAAGCTATACTCCA  TCTAAAATAAGACATGCCTGAAATTTGGCAAGAAGGGGCAAAAACGTGACTATTAATGAT  TGATAAGCACCAGTGAAGAAGTTCTAACTTTTAGCATGCTGCACAGAACTGGTATAACA  TGCCTTCACTATACTAACACTCATATGCTCAGTNTGTTTTGTTTTGGCAGTTGACAAGA  AGTTAATTTGCTTATGTAATAATCCCTCATTCCAGCCTTCTATATAAATAGCTCTTTCT  TTGCTGTNTAATGTGGTGCACACTATAGCCTCACAAACCTGTTATTCCAGTGAATCTGC  AGTGTCGTAACCTAAAGTACTGGNCTNGTCTATTTGCCAGTNTTTGCGTCTTGGTGN</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_003795 unedited  GTCACGCGGGCCGATTCTAGNGATCGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  TTTTTTTGCCAAACAAAAAGGCTTTTAATTTTTATTTGGAAAACAACCTAAATTTTTTAA  ACAAATGGATTTTAGTATTATAAATTTGCTTTTGGTTTTATACCGGAATATAAAGGATTT  CCCTCCATTTAACTTTCCCTGGGGAAGGGTATTACCAAGCCTGGGGGAAAATACTTT  TCTGGACACAAGAGATGGATCTCTATGGGGGCCAGTATTGGGAAACCAATGGGTGATAGG  GGCTCCTACACCATAAATGGGGTCAAGGGGACCTTACAAATTTAAAAGGGGGAAAGA  AAAAATATTTCTAGATTAATCACGATGCCAGGAAGCCAAACAAGGACGCCAAAAACTGTG  GCCAATTAAGACCACAGCCACGTAACCTTAGTTACGCACACTGGCAGATTACCACTGTG  AAATAACAGGGGTTGGTGGAGGGCTATAAGTGGGGCACCCCATTTAAACAGCCAGGA  AAAGAGCCTTTTTATTTAAAAAAGGGCTGGGAAAATGAAGGGAAATTTTTACTTAA  GCCAAAATTAACCTTTCTTTGGGCAAACTGGGCCCAACCCAAAACCCAAAACCTGGG  GCCTTTTTGAAAGGGTAAATTTAACCAGGAAAGGCCTTTGTTTTTACCCCAATTTTT  CTGGGGGCCACCATGGGCCTAAAAAAGTTTAAAAACCTTTTTTAAACCGGGGGGGC  CTTTATTCAAAACCTTTTAAAAAG</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_003795
<b>Insert Size:</b>	1330 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_003795.3](#), [NP\\_003786.1](#)

**RefSeq Size:** 1496 bp

**RefSeq ORF:** 489 bp

**Locus ID:** 8724

**UniProt ID:** [O60493](#)

**Cytogenetics:** 6q21

**Domains:** PX

**Gene Summary:** This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region, like most family members. This protein interacts with phosphatidylinositol-3-phosphate, and is involved in protein trafficking. A pseudogene of this gene is present on the sex chromosomes. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).