

## Product datasheet for **SC326597**

### **SNX18 (NM\_001145427) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SNX18 (NM_001145427) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX18
Synonyms:	SH3PX2; SH3PXD3B; SNAG1
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001145427, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCTGCGCGCCCGGGCGCTGTACGACTTCAGGTCGGAGAACCAGGAGAGATCTCG
CTGCGAGAGCACGAGGTGCTGAGCCTGTGCAGCGAGCAGGACATCGAGGGCTGGCTCGAG
GGGGTCAACAGCCGCGCGGACCGCGGCCTTCCCGGCCTCTATGTGCAGGTGATCCGC
GCCCCGAGCCTGGCCCCGGGGAGACGGCGGCCCGGGCGCCCCGGCCCGCTACGCCAAT
GTGCCCCCGGGGGCTTCGAGCCCCTGCCTGTGCGGCCCGCCCTCTCAAGCCGCG
CCTGACGCCTTCCAGGCGCTGCTGCAGCCACAGCAGGCGCCGCTCCGAGCACCTCCAG
CCGCCCGCGCGGGCTTCCCGTACGGCGGGGGCGCCCTGCAGCCGTGCGCTCAGCAGCTC
TACGGCGCTACCAGGCCAGCAAGGCAGCGATGATGACTGGGACGACGAGTGGGACGAC
AGCTCCACGGTGGCGGACGAGCCGGGCGCTCTGGGCGAGCGGAGCATACCCGGACCTCGAC
GGCTCGTCTTCGGCGGGTGTGGGCGCAGCCGGCCGCTACCGCCTGTCCACGCGCTCCGAC
CTGTCCCTGGGTCCCGCGGGCGCTCGGTCCCCCGCAGCACCACCCGTCGGGGCCCAAG
AGCTCGGCCACCGTGAGCCGCAACCTCAATCGCTTCTCCACCTTCGTCAAGTCCGGCGGG
GAGGCCTTCGTGTGGGGGAGGCGTCAGGCTTCGTGAAGGACGGGGACAAGCTGTGCGTG
GTGCTGGGGCCCTATGGCCCCGAGTGGCAGGAGAACCCTACCCGTTCCAGTGCACCATC
GACGACCCACCAAGCAGACCAAGTTCAAGGGCATGAAGAGCTACATCTCTACAAGCTG
GTGCCACGCACACGAGGTGCCGGTGCATCGGCGCTACAAGCACTTCGACTGGCTGTAC
GCGCGCCTGGCGGAGAAGTTCCCGGTCACTCCGTGCCCCACCTGCCCGAGAAGCAGGCC
ACCGGCCGCTTCGAGGAGGACTTCATCTTAAGCGCAGGAAGGGCCTGATCTGGTGGATG
AACCACATGGCCAGCCACCCAGTGTGGCGCAGTGGCAGCTTCCAGCACTTCTTGACG
TGCCCCAGCAGCACCCGACGAGAAAGCCTGGAAGCAGGGCAAGAGGAAGGCCGAGAAGGAC
GAGATGGTGGGGCCAACTTCTTCTGACCTTAGCACGCCCGCCGCTGCCCTTGAC
CTGCAGGAGGTGGAGAGCAAGATCGACGGCTTCAAGTGCTTACCAAGAAGATGGACGAC
AGCGCGCTGCAGCTCAACCACACGGCAACGAGTTCGCGCGCAAGCAGGTGACCGCTTC
AAAAAGGAGTATCAGAAGGTGGGCCAGTCTTCCGCGGCCTCAGCCAGGCCTTTGAGCTG
GACCAGCAGGCCTTCTCGGTGGGCTGAACCAGGCTATCGCCTTACCCGAGATGCCTAT
GACGCCATTGGGAGCTTTCGCGGAGCAGCCAGGCAGGACCTGGATCCCGTCATGGAC
CTATTAGCGCTGTATCAGGGCATCTGGCTAACTCCCGGACATCATCCACGTTCAAGAA
GGTAAAGCCTGGCCCTTAGAGCAGGTGATATGGAGTGATTGTGCAGGCTGAAAGGGCGG
ACTTTGACAGCAGTACCACTGTGGTTTCAAGAATCATATTCTACAGGTGAGGAAGCGGAC
AGAGACGTGGACGCTGGGTCTTTCCCTAGAG

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- Restriction Sites:** Please inquire
- ACCN:** NM\_001145427
- 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\\_001145427.1](#), [NP\\_001138899.1](#)

**RefSeq Size:** 5382 bp

**RefSeq ORF:** 1776 bp

**Locus ID:** 112574

**UniProt ID:** [Q96RF0](#)

**Cytogenetics:** 5q11.2

**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 some family members, but contains a SH3 domain. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (3) uses an alternate donor splice site at the first coding exon compared to transcript variant 1. This results in a frame-shift, early translation termination, and an isoform (c) with a shorter and distinct C-terminus compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.