

Product datasheet for **SC114846**

SNX17 (NM_014748) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SNX17 (NM_014748) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SNX17 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC114846 sequence for NM_014748 edited (data generated by NextGen Sequencing) |

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ATGCACATTTCCATTCCCGAAACCGAGTCCCGCAGCGGGACAGCGGGCTCCGCCTAC
GTGGCCTATAACATTCAGTGAATGGAGTCTGCACTGTCCGGTGCCTACAGCCAGCTC
CTGGGGCTGCACGAGCAGCTTCGGAAGGAGTATGGGGCCAATGTCTTCCATTCCTCC
CCAAAGAAGCTTTTCTCTGACTCCTGCTGAGGTAGAACAGAGGAGAGAGCAGTTAGAG
AAGTACATGCAAGCTGTTTCGGCAAGACCCATTGCTTGGGAGCAGCGAGACTTTCAACAGT
TTCCTGCGTCGGGCACAACAGGAGACACAGCAGGTCCCCACAGAGGAAGTGCCTTGAA
GTGCTGCTCAGCAACGGGCAGAAAGTTCTGGTCAACGTGCTAACTTCAGATCAGACTGAG
GATGTCCTGGAGGCTGTAGCTGCAAAGCTGGATCTTCCAGATGACTTGATTGGATACTTT
AGTCTATTCTTAGTTTCGAGAAAAAGAGGATGGAGCCTTTCTTTTGTACGGAAGTTGCAA
GAGTTTGTAGCTGCCTTATGTGTCTGTCAACAGCCTTCGGAGTCAAGAGTATAAGATTGTG
CTAAGGAAGAGTTATTGGGACTCTGCCTATGATGACGATGTCATGGAGAACCGGGTTGGC
CTGAACCTGCTTTATGCTCAGACGGTATCAGATATTGAGCGTGGGTGGATCTTGGTCACC
AAGGAACAGCACCAGCAACTCAAATCTCTGCAAGAGAAAGTCTCCAAGAAGGAGTTCCTG
AGACTGGCCAGACGCTGCGGCACTATGGCTACTTGCCTTTGATGCCTGTGTGGCTGAC
TTCCAGAAAAGGACTGTCTGTGGTGGTGAAGCAGGCAACAGTGAAGTGCAGCTCAGCTGCAG
CTCCGCCTGCCTGGCCAGCAACTCCGAGAAGGCTCCTTCCGGGTACCCGCATGCGATGC
TGGCGGGTACCTCCTCTGTACCATTGCCAGTGAAGCAGGAGCAGCCAGGCCGGGGC
CGGGGTGAGGTGCGCCTGGAAGTGGCTTTTGAATACCTCATGAGCAAGGACCGGCTACAG
TGGGTCACCATCACTAGCCCCAGGCTATCATGATGAGCATCTGCTTGCAGTCCATGGTT
GATGAACTGATGGTGAAGAAATCTGGCGGCAAGTATCAGGAAGATGCTGCGCCGGCGGGT
GGGGTACTCTGAGACGCTCAGACAGCCAGCAAGCAGTGAAGTCCCCACCACTGCTTGGAG
TCACCTGATGCCACCGGGAGTCTATGGTCAAACCTCTCAAGTAAGCTGAGTGCCGTGAGC
TTGCGGGGAATTGGCAGTCCCAGCACAGATGCCAGTGCCAGTGTGTCCACGGCAATTT
GCCTTCGAGGGCATTGGAGATGAGGATCTGTAA

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Clone variation with respect to NM_014748.2



[View online »](#)

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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_014748 unedited</p> <pre> NGGTAACGTCATAATTGTAACGACTCACTATAGGCGGCCGNAATTCGCACGAGGCGG GNGACTCGCTGACAGCGGAGGGGAGCGTGCAGAGCCGCTGCGGCCCTCACAGTCCGGAG CCCGGCCGTGCCGTGCCGTAGGGAACATGCACTTTTCCATTCCCAGAACCGAGTCCCGCA GCGGGGACAGCGCGGCTCCGCCTACGTGGCCTATAACATTACGTGAATGGAGTCTGC ACTGTCGGGTGCCTACAGCCAGCTCCTGGGGCTGCACGAGCAGCTTCGGAAGGAGTATG GGGCAATGTGCTTCTGCATTCCCCCAAGAAGCTTTTCTCTGACTCCTGCTGAGG TAGAACAGAGGAGAGAGCAGTTAGAGAAGTACATGCAAGCTGTTCCGCAAGACCCATTGC TTGGGAGCAGCGAGACTTTCAACAGTTTCTGCGTCGGGCACAACAGGAGACACAGCAGG TCCCCACAGAGGAAGTGTCTTGGAAAGTCTGCTCAGCAACGGGCAGAAAGTTCTGGTCA ACGTGCTAACTTCAGATCAGACTGAGGATGTCCTGGAGGCTGTAGCTGCAAAGCTGGATC TTCCAGATGACTTGATTGGATACTTTAGTCTATTCTTAGTTCGAGAAAAAGAGGATGGAG CCTTTTCTTTGTACGGAAGTTGCAAGAGTTTGTAGCTGCCTTATGTGTCTGCACCAGCC TTCGGAGTCAAGAGTATAAGATTGTGCTAAGGAAGAGTTATTGGGACTCTGCCTATGATG ACGATGTCATGGAGAACCGNNTTGGCCTGACCTGCTTTATGCTCAGACGGTATCAGATA TTGAGCGTGGGTGGGATCTTGGTCAACCAGGGACAGCACCGGGCAACTCAAT </pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_014748 unedited</p> <pre> TATGGACCGCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTAGGCA GCAGTCAGGCTGAGTTTAAATGATGGGAACTGGGCCAGACCAAACACAGACCTCTGCCCA TCCCCTTGGCCTTTGGCCATGGCTCCAAGAGGCCAGAAGCGGCCAGAGGGAGATATGG TTCTCCCAAGGCAGGCAGCCTGGTCCCTTAGACTTTGTGCAAAATACTAAATGCTAA TTTGGCATCGAGGGCCAGCTCTGAAAAGAGAAGGGCAATCCTCTGTGCAGCCAGCCCAG GGGACAAGGAAAGGTAGGATACGAGGCCCTGGCCAAGAGAAAAGGGGTAGGTAGGAAAAG AAGAAGGAAAAGACCCCTCCGCCCTAGCATGGGGGACACAGGCACAGGGCAAGTTTCTG TAAATTCCTCTGGGGTAGAGGGCAGACATCCAAGCAGTGGAGATTACAGATCCTCATCTC CAATGCCCTCGAAGGCGAAATTGCCGTGGACATCACTGGCACTGGCATCTGTGCTGGGAC TGCCAATTCCCCGCAAGCTCACGGCACTCAGCTTACTTGAGAGTTTGACCATAGACTCCC GGGTGGCATCAGGTGACTCAAGCAGTGGTGGGACTTCACTGCTTGTGGCTGTCTGAGC GTCTCAAAGTACCCCCACCCGCCGCGCAGCATCTTCTGATACTGCCGNCAGATTTCT CACCATCAGTTTCAACCATGGACTGNCAGCAGATGCTCATCATGATAGCCCTGGGGGC TAGTGATGGTGACCCACTGTACCCGGTCTTGTCTCATGAGGTATNTCAAAGCCAGNT NCAGNCGACCTNACCCCGNCCNGNNTGGCTGTTNGTGCTTCACTGGGCCATGGA CAAAGAAGGGGACCCGCCA </pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_014748 |
| Insert Size: | 2180 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:

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_014748.2](#), [NP_055563.1](#)

RefSeq Size: 2043 bp

RefSeq ORF: 1413 bp

Locus ID: 9784

UniProt ID: [Q15036](#)

Cytogenetics: 2p23.3

Domains: PX

Protein Families: Druggable Genome

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 B41 domain. This protein interacts with the cytoplasmic domain of P-selectin, and may function in the intracellular trafficking of P-selectin. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2012]

Transcript Variant: This variant (1) encodes the longest protein (isoform 1). 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.