

Product datasheet for **SC306335**

SNX1 (NM_148955) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX1 (NM_148955) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX1
Synonyms:	HsT17379; VPS5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_148955 edited
 GAAGAAGATGGCGTGGGTGGTGGTGGCTGTAGCGCTTCGGAGAGACTGCCTCCGCCCTT
 CCCC GGCTGGAGCCGGAGTCCGAGGGGGCGGCCGGGGGATCAGAACCCGAGGCTGGGA
 CAGCGACACCGAGGGGAGGACATTTTCACCGCGCCGCGGTGGTCAGTAAACATCAGTC
 TCCAAAGATAACTACATCCCTTCTCCCATCAACAATGGCTCCAAAGAAAATGGGATCCA
 TGAAGAACAAGACCAAGAGCCACAGGATCTCTTGCAGGGGATGGTATGAATGCATATGT
 AGCCTACAAAGTTACAACACAGACAAGCTTACCATTGTTGAGAAGCAAACAGTTTGCAGT
 AAAAAGAAGATTTAGTGACTTTCTGGGTCTTTATGAGAAGCTTTCCGAGAAGCACTCTCA
 GAATGGCTTCATTGTCCCTCCACCCCGGAGAAGAGCCTCATAGGGATGACAAAAGTGAA
 AGTTGGGAAGGAAGATTCTTCTTCTGCAGAATTTCTTAAAAACGGAGGGCCGCTTTAGA
 AAGGTACCTTCAGAGGATTGTAATCATCTACCATGTTACAGGACCCTGACGTCAGAGA
 GTTCTTGGAAAAAGAAGAGCTGCCACGTGCCGTGGGTACCCAGACATTGAGTGGTGTGG
 TCTCTCAAGATGTTCAACAAAGCCACAGATGCCGTGAGCAAAAATGACCATCAAGATGAA
 TGAATCAGACATTTGGTTTGAGGAGAAGCTCCAGGAGGTAGAGTGTGAGGAGCAGCGCTT
 ACGGAAACTGCATGCTGTTGTAGAACTCTAGTCAACCATAGGAAAGAGCTAGCGCTGAA
 CACAGCCAGTTTGCAAAGAGTCTAGCCATGCTTGGGAGCTCTGAGGACAACACGGCATT
 GTCACGGGCACTCTCCCAGCTGGCTGAGGTGGAAGAAAAAATTGAGCAGCTCCACCAGGA
 ACAGGCCAAACAATGACTTCTTCTCCTTGTGAGCTCCTGAGTGACTACATTCGCCTCCT
 GGCCATAGTCCGCGCTGCCTTCGACCAGCGCATGAAGACATGGCAGCGCTGGCAGGATGC
 CCAAGCCACACTGCAGAAGAAGCGGGAGGCCGAGGCTCGGCTGCTGTGGGCCAACAAAGCC
 TGATAAGCTGCAGCAGGCCAAGGACGAGATCCTCGAGTGGGAGTCTCGGGTGACTCAATA
 TGAAAGGGACTTCGAGAGGATTTCAACAGTGGTCCGAAAAGAAGTATACGGTTTGAGAA
 AGAGAAATCCAAGGACTTCAAGAACCACGTGATCAAGTACCTTGAGACACTCCTTTACTC
 ACAGCAGCAGCTGGCAAAGTACTGGGAAGCCTTCTTCTGAGGCAAAGGCCATCTCCTA
 ATGGACCAAGGACCCAGAGCCACCTGTGTGACGCTGCCTTTTTATACACTGTCCTCCT
 CCACCTTGATGGACCCTAGTGATGCATCCTGCCTAGGCTGGACTTAACCCCTTCTCCTCC
 TGTCCCCACGACCAACTGTCCCCAGTTACTCTAACCGTTATTTTATTTAGCTTCCATATA
 TATTTTCTTACCTAAGAGAATAGTTTCTGCTTTAAGCAAAGACCTACAATAGTGGTG
 GAATTATGGGATGGGTGGAGTATTGATATAAATATAAATACAATGTATATTTTTCA
 GGATGTGGTTTAGGAACTGGGAATAACGTTTTCTGTTACTCCTGATGGTGCCA

- Restriction Sites:** Please inquire
- ACCN:** NM_148955
- Insert Size:** 2000 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_148955.2](#), [NP_683758.1](#)

RefSeq Size: 8026 bp

RefSeq ORF: 1374 bp

Locus ID: 6642

UniProt ID: [Q13596](#)

Cytogenetics: 15q22.31

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 endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) lacks an in-frame segment of the 5' coding region, compared to variant 1. It encodes a shorter isoform (b), also known as SNX1A, that is missing an internal segment 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.