

Product datasheet for **SC110601**

SNX16 (NM_152837) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX16 (NM_152837) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX16
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC110601 sequence for NM_152837 edited (data generated by NextGen Sequencing)

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ATGGCAACTCCTTATGTCCCAGTTCCTATGCCCATAGGAACTCTGCTTCCAGTTTTACA
ACAAACAGAAATCAAAGAAGTTCTTCTTTTGGCAGTGTCTCAACAAGCTCAAATTCCTTCT
AAGGGCCAGTTAGAAGACTCAAATATGGGTAATTTTAAACAGACAAGTGTTCCTGATCAA
ATGGATAATACTTCATCTGTCTGTAGCAGTCCCCTCATTAGGACTAAATTTACAGGTACA
GCTTCTCCATTGAGTATTCTACTAGACCAAGAGACACTGAAGAACAAAATCCGGAAACA
GTGAATTGGGAAGATAGACCATCTACACCTACTATACTGGGTTATGAAGTGATGGAAGAA
AGAGCTAAATTTACTTTAAAAGAGATGTTTCCAGGTTTTCGACTAGCACTTCTCCAAAA
CGCTGGTTTAAAGATAATTACAATGCTGACTTTTTAGAAGACAGACAATTAGGATTACAA
GCGTTTTCTCAAATTTAGTAGCTCACAAGGACATTGCTAACTGCCTTGACGTGAGAGAA
TTTTCTTTGTTGGATGATCCACCGGTCCATTTGATAGCCTAGAAGAAAGCAGGGCATTCT
TGTGAACTTTAGAAGAGACAACTACCGCTTACAGAAAGAACTACTTGAAAAACAAAAG
GAGATGGAATCACTAAAGAACTGCTCAGTGAGAAGCAACTTCATATAGACACTTTAGAG
AACAGAAATCAGAACATTGTCTTTAGAACCTGAAGAATCACTGGATGTGTCAGAAACAGAA
GGTGAACAGATCCTAAAGGTGGAGTCTCTGCACTTGAGGTTGATCAAGATGCTCTGGAT
GAAGAATCTAGAGCTGATAATAAACCATGCTTAAGTTTTAGTGAACCTGAAAATGCTGTA
TCAGAGATAGAAGTAGCAGAAGTGGCATATGATGCTGAAGAAGACTAA
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Clone variation with respect to NM_152837.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152837 unedited CCAATCTTTCTCCTACCAACTTTTACATACATGAAATCAGGTTAAATGAACTTTACAGA AATACTTCACAAGGGAATAAGTAGAGGAAAAAGGGATAACATGTAACATGGAGTCAAGG AAAAAGAGTGTGAAGTAGTTTTGCTCTCTCTATCTTGCAAATAGGAGTCCTTAAAGACAA CTGGGAGAAGGGGTTTGAGATAGTGAATTCCTAAGAAGAAAATAACGGATTGCATATTAG TTGTTCTTAAGTGGACTCAACAGTGTGCAAGCTTGTTGGAAAAGCCAAAAGAAGATGGC AACTCCTTATGTCCCAGTTCCTATGCCCATAGGAAACTCTGCTTCCAGTTTTACAACAAA CAGAAATCAAAGAAGTTCTTCTTTGGCAGTGTCTCAACAAGCTCAAATCTTCTAAGGG CCAAGTTAGAAGACTCANATATGGGTAATTNTAAACCAGACAGTGTTCCTGATCAAATGGA TAATACTTCATCTGTCTGTAGCAGTCCCCTCATTAGGACTAAATTTACAGGTACAGCTTC TTTCAATTGAGTATTCTACTAGACCAGNAGACACTGAAAGAACAAATCCGGAAACAGTGAA TTGGGAGATAGACCATCTACACCTACTTCTGGGTTATGAAGTGAAGGAGAAAGAGCTA AATTTACTGGATATAAATACTAGTAAAGAAACCCAGAAGAAGCCGGGGTGTTCAGAA AACCCCTGCTTCTTAGGCTTAAGACAATTAAGAAAAAGTTTTTCAGGTTTTCAACAAACC TTCTCCAAAGCTGGGTTAAGAATTACCTTGCTGCT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152837 unedited NNGGGTACGACTAAGNNACCGCGCCGCAANCTANGATCGAGTTTTTTTTTTTTTTTTTTT GTAGTGAAAAAATAATTTATTAATGAACATAATACTGGGAGTAAATGCATTATAAAAG TAAAAAATAAATTATAAATAAATAAATAGTGGTTTACCTAATTAACAGATTTTTTTC TTCATCCTTGAAGAACTTAAATACAATCTTCCAAAAGCCAGATTGAAAAAGTGGCTGG TTCGCTTTAGAACAGACAGGCAACACTATAATATCTAGAATTTGGCAAAGATCTGTTATA TAAGATACAGAATGGTACTGATTAATGATTGTCTTTTAAAGCCTTTTGTAAAGTCTAGA ATAATAATTTTAAATAAAGCAGATCAATTTGTTATATTCATTTCTGTCTAAGGATA GCAAAACATATTTCTGATACACATTGTGAAAAATGTTCTGAGAACATACCTGTGCATTTG ACAAAGACTAAAAATTTTTGGTTATTTGGTAAAAAGTGATCTCCTTTTTACTTCAAAGGT TAACAACAGCCATTGAATGTGTTGATATATGTCATTAGAATTTTAAACAGCCACACCTTA ATATATATATACATCAAGATACCGATAAACTTTTAGATAGTAAAGAAAAAATGGAGATT GTTATTCTATTTCCCGTAAGTTTCCCTCAGTTTTTAAAGCATACCGACTGGGATTG CAAAATGCCAGCATGATTACAATGCTTATTAACAGCAATATGCAAAACAGTGAAAATAGG AAATAAATAACTTCATCCTATAAAAAATGAAACAGGGCACTTTTAAAGTACTGTACACAAGC TGAATAACAACATTTTTCAAAGCTGACTCAAGACCCTAGGAACTTTGAAAAAGTAA ATAGTAAAGGCC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_152837
Insert Size:	3180 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:	<ol style="list-style-type: none">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_152837.1 , NP_690050.1
RefSeq Size:	3054 bp
RefSeq ORF:	948 bp
Locus ID:	64089
UniProt ID:	P57768
Cytogenetics:	8q21.13
Domains:	PX
Gene Summary:	<p>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. The protein encoded by this gene associates with late endosome membranes as is involved in tubule formation, cholesterol transport, and transport of tetraspanin CD81. The encoded protein also inhibits cell migration and tumorigenesis. [provided by RefSeq, Jan 2017]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.</p>