

Product datasheet for **SC110407**

SNX11 (NM_152244) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX11 (NM_152244) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152244, the custom clone sequence may differ by one or more nucleotides

ATGGGCTTTTGGTGTAGGATGTCGGAGAACCAAGAACAGGAGGAGGTGATTACAGTGCCTGTTTCAGGACC
 CCCGAGTGCAGAAATGAGGGCTCCTGGAACCTTTATGTGGATTATAAGATATTCCTCCATACCAACAGCAA
 AGCCTTTACTGCCAAGACTTCCTGTGTGCGGCCGCTACCGTGAGTTCGTGTGGCTGAGAAAGCAGCTA
 CAGAGAAATGCTGGTTTGGTGCCTGTTCTGAACCTCCTGGGAAGTCAACCTTCTTCGGCACCTCAGATG
 AGTTCATTGAGAAGCGACGACAAGGTCTGCAGCACTTCCTTGAAAAGGTCCTGCAGAGTGTGGTTCTCCT
 GTCAGACAGCCAGTTGCACCTATTCTGCAAAGCCAGCTCTCGGTGCCTGAGATAGAAGCCTGTGTCCAG
 GGCCGAAGTACCATGACTGTGTCTGATGCCATTCTTCGATATGCTATGTCAAAGTGTGGCTGGGCCCAGG
 AAGAGAGGCAGAGCTCTTCTCACCTGGCTAAAGGAGACCAGCCTAAGAGTTGCTGCTTTCTTCCAAGATC
 GGGTAGGAGGAGCTCTCCCTCACCGCCTCCAGTGAAGAAAAGGACCATTAGAAGTGTGGGCTCCAGTT
 GTTGACTCTGAGGTTCTTCTTGAAAGTCCCACTCTCCACCCCTCTCCTCACCATTATGCTGTGATT
 TTGGAAGACCCAAAGAGGAACCTCCACTCTTCAGTCTGTGAGGAGGGCTGTGGGAGGAGATCATGCTGT
 GCCTTTGGACCCTGGTCAGTTAGAAACAGTTTTGGAAAAGTGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152244 unedited
 NGGGGGTCAACATTTGTATACGACTCACTATAGGCGGCCGCAATTCGGCACGAGGCTGT
 TCTCAGATGTTTCTTCCATGGGCTTTTGGTGTAGGATGTCGGAGAACCAAGAACAGGAG
 GAGGTGATTACAGTGCCTGTTTCAGGACCCCGAGTGCAGAATGAGGGCTCCTGGAAGTCT
 TATGTGGATTATAAGATATTCCTCCATACCAACAGCAAAGCCTTTACTGCCAAGACTTCC
 TGTGTGCGGCGCCGCTACCGTGAGTTCGTGTGGCTGAGAAAGCAGCTACAGAGAAATGCT
 GGTGGTGGTGCCTGTTCTGAACTTCCTGGGAAGTCAACCTTCTTCGGCACCTCAGATGAG
 TTCATTGAGAAGCGACGACAAGGTCTGCAGCACTTCCTTGAAAAGGTCTGCAGAGTGTG
 GTTCTCCTGTGACAGCCAGTTGCACCTATTCCTGCAAAGCCAGCTCTCGGTGCCTGAG
 ATAGAAGCCTGTGTCCAGGGCCGAAGTACCATGACTGTGTCTGATGCCATTCTTCGATAT
 GCTATGTCAAAGTGTGGCTGGGCCAGGAAGAGAGGCAGAGCTCTTCTCACCTGGCTAAA
 GGAGACCAGCCTAAGAGTTGCTGCTTTCTTCAAGATCGGGTAGGAGGAGCTCTCCCTCA
 CCGCTCCAGTGAAGAAAAGGACCATTTANAAGTGTGGGCTCCAGTTGTTGACTCTGAG
 GTTCTTCTTGGAAAAGTNCACCTCTCCACCCCTCTCCTCACCATTATGCTGTGATTNT
 GGAAGACCCAAAGAGGGAACCTNCACTCTCANNTCTGTGAGAAGGGCTGTGGNNAGGAG
 ATCATGTGTGCCTTTGGACCCTGGTCAGTAGAAACAGTTTGGGAAAATGAGCTCTCGGT
 TCTGCTCTGAGATGGTC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152244 unedited
 NAAGATCCTACTATGNACCGCGGCCGCAATTCNANGATCGAGTTTTTTTTTTTTTTTTTT
 TTTTGCATCTGCCTGTTGACAACTTTATTTGGGGGGAGCACCTGGCACCTCAAAGAC
 TGCGAGGATGGAAGCAGCATCAGGTAAAGTATACCTAACAAAGGTCACGCCCAGAACTGT
 GAGAAGAGTTGGATCCCAGCTCTTTGGAAGACAATCCTTCCTCCAGTGGTGAAGTTGAGC
 TGCACACACGGGGGGGGAGGGCTACAGAGCACAGTTCTGAAGCATTATTTCCACACTGAT
 AAATTTCATGATTATGAAAGGAAATACTGCAGCGCTCACTCCCTCCTTCTCTGTCTACAG
 CTTGGTAGACACAAATTGCAACAACAATCTTAAATACTTGCATTTTATTTTCAGGCCAAAG
 CCCCTCCACTCTGAAGTAAATGCCATGACAGTCCCACAGCATAGGCTGGTAGTAAAGAG
 CCCACAGACAGGGTAGGATAGCCAGAGGAGGAGGAGTGGGCCACAGGAGGGGAAGGAT
 CACACACACAAACCTAAGAGTAGAGCAATGCAGAATGCCTGTGGCACTCGGCTCTACCA
 GCTCTGGCTCTCAGTGGAGATGAAGAATGGCAGCAGGAGGACAGAATGCCTCATTGTCTG
 AAGGAGAGCGTGTGTTTCTCATCTCCATCCCCAGAGCCCTCTTTTCAGGCAGGCAGAA
 ACAAGGCCCTTGACCCCACTGCACTGCGCAACACAGCAGAAACGCTGGTGGCGGAAGCC
 CTGGGAGCCGGGAGCTGCTACCCAAGGAGAAGAAAAGGATTCCAAAAAGAAGGGGCCAC
 CCTTACCCTGGCGGAAAAGATGGCCCTTGGTCTGCTTTTTTAACCAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_152244

Insert Size:

2700 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_152244.1](#), [NP_689450.1](#)

RefSeq Size: 2402 bp

RefSeq ORF: 813 bp

Locus ID: 29916

UniProt ID: [Q9Y5W9](#)

Cytogenetics: 17q21.32

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 some family members. This gene encodes a protein of unknown function. This gene results in two transcript variants differing in the 5' UTR, but encoding the same protein. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) encodes the longer isoform (1). Both variants 1 and 2 encode the same isoform (1).