

Product datasheet for **SC115280**

SNX11 (NM_013323) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX11 (NM_013323) 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:	>OriGene ORF within SC115280 sequence for NM_013323 edited (data generated by NextGen Sequencing) <pre> ATGGGCTTTTGGTGTAGGATGTCGGAGAACCAAGAACAGGAGGAGGTGATTACAGTGCCT GTTTCAGGACCCCGAGTGCAGAATGAGGGCTCCTGGAACCTTTATGTGGATTATAAGATA TTCTCTCCATACCAACAGCAAAGCCTTTACTGCCAAGACTTCTGTGTGCGGCGCCGCTAC CGTGAGTTCGTGTGGCTGAGAAAGCAGCTACAGAGAAATGCTGGTTTGGTGCCTGTTCT GAACTTCCTGGGAAGTCAACCTTCTTCGGCACCTCAGATGAGTTCATTGAGAAGCGACGA CAAGGTCTGCAGCACTTCCTTGAAAAGGTCCTGCAGAGTGTGGTTCTCCTGTCAGACAGC CAGTTGCACCTATTCTGCAAAGCCAGCTCTCGGTGCCTGAGATAGAAGCCTGTGTCCAG GGCCGAAGTACCATGACTGTGTCTGATGCCATTCTTCGATATGCTATGTCAAAGTGTGGC TGGGCCCAGGAAGAGAGGAGGAGCTCTTCTCACCTGGCTAAAGGAGACCAGCCTAAGAGT TGCTGCTTTCTTCCAAGATCGGGTAGGAGGAGCTCTCCCTCACCGCCTCCAGTGAAGAA AAGGACCATTTAGAAGTGTGGGCTCCAGTTGTTGACTCTGAGGTTCTTCTTGGAAAGT CCCACTCTCCACCCCTCTCCTCACCATTATGCTGTGATTTTGAAGACCCAAAGAGGGA ACCTCCACTCTTCAGTCTGTGAGGAGGGCTGTGGGAGGAGATCATGCTGTGCCTTTGGAC CCTGGTCAGTTAGAAACAGTTTTGGAAAAGTGA </pre>

Clone variation with respect to NM_013323.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_013323 unedited <pre>CCGTTCGGGATTGTAAACCGATTCACTATAGGGCGGCCCGCAATTTCGCACGAGGCCGTC GTGCACCGGGGACCGGGCGACTCACCCGGAAGGAGAAGCCGCGATCTGGCTATATGGTGG GGCGCGGGCGGTGTCGCTGTGGGGAGCTGGTGTCTCAGATGTTTCCTTCCAATGGG CTTTTGGTGTAGGATGTCGGAGAACCAAGAAGAGGAGGTGATTACAGTGCCTGTTCA GGACCCCCGAGTGCAGATGAGGGCTCCTGGAACCTTATGTGGATTATAAGATATTCCT CCATACCAACAGCAAAGCCTTTACTGCCAAGACTTCTGTGTGCGGCGCCGCTACCGTGA GTTCTGTGGCTGAGAAAGCAGCTACAGAGAAATGCTGGTTTGGTGCCTGTTCTGAACT TCTGGGAAGTCAACCTTCTTCGGCACCTCAGATGAGTTCATTGAGAAGCGACGACAAGG TCTGCAGCACTTCTTGAAGGCTCCTGCAGAGTGTGGTCTCCTGTGACAGCCAGTT GCACCTATTCTGCAAGCCAGCTCTCGGTGCCTGAGATAGAAGCCTGTGTCCAGGGCCG AAGTACCATGACTGTGTCTGATGCCATTCTCGATATGCTATGTCAAAGTGTGGTGGGC CCAGGAAGAGAGGAGAGCTCTTCTCACCTGGCTAAAGGAGACCAGCCTAAGAGTTGCTG CTTTCTTCCAAGATCGGGTAGGAGGAGCTCTTCTCACCGCTCCAGTGAAGAAAAGGA CCATTTANAAGTGTGGGCTCCAGTTGTTGACTCTGAGGTTTCTTCTTGGAACTNCCAC TCTCCACCCCTCTCTCACCATATGCTGTGATTTTGAAGACCCAAGAGNGACCTC CCCTCA</pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_013323 unedited <pre>ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAATACTTGCAATTTAT TTCAGGCCAAAGCCCCTCCACTCTGAATAAATGCCATGACAGTCCCACAGCATAGGCTG GTAGTAAAAGAGCCACAGACAGGTAGGATAGCCAGAGGAGGAGGAGTGGGCGACAGG GAGGGGAAGGATCACACACAAACCTAAGAGTAGAGCAATGCAGATGCCTGTGGCACT CGGCTCCTACAGCTCTGGCTCTCAGTGGAGATGAAGAATGGCAGCAGGAGGACAGAATG CCTCATTGTCTGAAGGAGAGCGTGTGTTTCTCATCTCCATCCCCAGAGCCCTCTTTTC AGGCAGGCAGAAACAAAGCCCTTGACCCCACTGCACTGCGCAACACAGCAGAGACGCTG GTGGCGGAAGCCCTGGAGGCAGGAGCTGCTACCAAAGGAGAAGAAAAGGATTCCAAAAA GAAAGGAGCCCACTCTAACCTGCGGAAAAGATGGCCACATGTCTGTTTATAACCAGAA GAGACAGTAACAGCCCCGACAGCCTTTCCCAAATAAAGGCCCTGNGCTGTTACTGTTC CCTCTGGCTGTGGCCAGCACTTCTCTCATGCATGACCATGAGCTGTTGTGACAGTCT CAGGCTCCACTCAGCCAGGCTAAGGTCTCGGGACATAAATCCCCAGCAGCAGGAGTCACA GCACCAAGTTCCATTCAAGTGTATCAGTGAAAGAAAAGCAGGGAGTGGGAAAGTAATATCA TCCCCCTGTCAATGCAGGAGGTAGCAAGAGGCCANCCTCCACAAACAAGTGTCTAGGGC TCAGCAAAAAGTGAAGCCAGATGGGATCACATACCACTCCAATGGAATGATGTCATA TTGAGTTAAATTTGCCATACGGGTCCCAAAATGGTACCTGAGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_013323
Insert Size:	2450 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:	<u>NM_013323.2, NP_037455.2</u>
RefSeq Size:	2315 bp
RefSeq ORF:	813 bp
Locus ID:	29916
UniProt ID:	<u>Q9Y5W9</u>
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 (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (1).