

Product datasheet for **SC115295**

SNX12 (NM_013346) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX12 (NM_013346) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX12
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115295 sequence for NM_013346 edited (data generated by NextGen Sequencing) ATGTCGGACACGGCAGTAGCTGATACCCGGCGCCTTAACCTCGAAGCCGCAGGACCTGACC GACGCTTACGGGCGCCAAGTAACCTTCCCTGGAGATCGACATCTTTAATCCTCAGACGGTG GGCGTGGGACGCGCGCTTACCACCTATGAGGTTGCGATGCGGACAAAACCTACCTATC TTCAAGCTAAAGGAGTCTGCGTACGGCGGCGCTACAGTGACTTTGAGTGGCTGAAAAAT GAGCTGGAGAGAGATAGCAAGATTGTAGTACCACCACTGCCTGGGAAAGCCTTGAAGCGG CAGCTCCCTTTCCGAGGAGATGAAGGGATCTTTGAGGAGTCTTTCATCGAAGAAAGGAGG CAGGGCCTCGAGCAGTTTATTAACAAAATTGCTGGGCACCCACTGGCTCAGAATGAACGC TGCCTACACATGTTCTGCAAGAGGAGGCAATTGACAGGAACACGTCCC GGGAAGGTG CGCCAGTAG
5' Read Nucleotide Sequence:	Clone variation with respect to NM_013346.2 >OriGene 5' read for NM_013346 unedited GCACGAGGCTCCTTCGGAAAGAGTCGGACACGGCAGTAGCTGATACCCGGCGCCTTAACCT CGAAGCCGCAGGACCTGACCGACGCTTACGGGCGCCAAGTAACCTCCTGGAGATCGACA TCTTTAATCCTCAGACGGTGGGCGTGGGACGCGCGCTTACCACCTATGAGGTTGCGA TGGGACAAAACCTACCTATCTTCAAGCTAAAGGAGTCTGCGTACGGCGCGCTACAGTG ACTTTGAGTGGCTGAAAAATGAGCTGGAGAGAGATAGCAAGATTGTAGTACCACCACTGC CTGGGAAAGCCTTGAAGCGGCAGCTCCCTTTCCGAGGAGATGAAGGGATCTTTGAGGAGT CTTTCATCGAAGAAAGGAGGCAGGGCCTCGAGCAGTTTATTAACAAAATTGCTGGGCACC CACTGGCTCAGAATGAACGCTGCCTACACATGTTCTGCAAGAGGAGGCAATTGACAGGA ACTACGTCCC GGGAAGGTGCGCCAGTAGGAGCCCTCTCACCACCTGCCCTCTA
Restriction Sites:	NotI-NotI
ACCN:	NM_013346
Insert Size:	2440 bp



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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_013346.2 , NP_037478.2
RefSeq Size:	642 bp
RefSeq ORF:	489 bp
Locus ID:	29934
UniProt ID:	Q9UMY4
Cytogenetics:	Xq13.1
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. This protein does not contain a coiled coil region, like some family members. A similar protein in mouse may be involved in regulating the neurite outgrowth. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and represents use of an alternate promoter, compared to variant 1. Both variants 1 and 2 encode the same isoform (1).</p> <p>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.</p>