

## Product datasheet for **SC104863**

### SNX12 (BC033809) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SNX12 (BC033809) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX12
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC033809, the custom clone sequence may differ by one or more nucleotides

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GGAACCCACAGGCAGATGCCCTTTGCTTGGGGTGGGGTGGGTGGTGGGGGATTAGACTGGAAGGCAA
TTTCTTGGGCATTTACCCATGCCAGAAGGCTAACCTGGGGGAGGGGGCGCTTGTGCTGGTGAGGCACT
TGGATACATACTGATGCTGCAAGTTCAGGGGATTTTCTTACTCTTAGGTTAAACCAAGAACTGAGCA
GGGAAAAACCTGCCTTTCCTAACTGCATGATTTTTTCTTTTTGGAAAGGTGGTAGAGACTCAGAAG
CTTTCCTGTTTTCTTACGGCCTGCTCCAGTTTTCTTAACAGTTTTCTTTGTTGCTCTCTCTCCCTT
GTTGCTTTCATGGCAGTAATCCTCCTAGAGTCCAAGCAGTCTGTTGTATGGAGCAGGGTGTGGGTTT
TCTGGGCCATCATTATGGCTGCTCAGAGTCAGAAGAAAGCCATAGGGCAGTAGGGGAGCTCCTATTGC
CTAGCCCCCTCCTTTTGTGGCTCCCACTCTAGCTGCCTATTTTTGCTCATCAGCTGGTGAGTCAGTATG
GGCCAGCAGTTCTCCCTCCCTAAGCCCTTGTACTTTATGGGTTAGCTTTGCAGGTTTGGTGGCTTGAGG
GGTGGGGCAACTCACCCTGCCAGGTAACCTGAAGGGTGGGAGTGGATTATCTTCTAGGCTTTAC
CCGCGGTAGGGAAGGCATCAACACTGTCTTCCCTTCCATTCTCCTTTCCCCATCCCATTAGTGTGCC
ACAGGGCAGAAGCACAAACCAACACACAGTCTCTGACTTCTCCTAAGCACTTTGAGTTGTTGAATGG
GGCTCAGGGCAAGAGTTTTTGTGCCCTCCCAAGCGTGGTACAGGGTTATTGAACTGCCTGCCTTGT
TTCTCATGCAACTCCAGCATTTTCCCAGAAGTTGAACTATGGATAGCAGCTTGGTATGGATTTCTAAA
TCTTAACATTTGAAGCAGCTTCTTGGGCTGGCAACTATCCTGGTTTCTGTCTTGGAGGGGTGGTTTGT
TTGCTGGGGCCCAACGTCTGTCCCAAGTGGTGGGGTGGAGTAAGTTAACTTTGGTGCCAGGTGAGAGGT
GGGGGCTCTTTGCTTAGACTCCCTATCATGAAAGATTGGAGTTTTCTATGCAGGGCACTGTGAAAAGG
ATTGCTGATTCTGACTGACCCTGATCAGAGAGATTAGGATTGATTTTGACATAGGATTTGGAACCCATC
TAAATGTTGAAGTTCCCTGAGACAGCTCCTCAGCTGCTGAGCCTGCGCCAGGGGCTAAGCAGCCCCAAT
GAGAGGCTCTGCTCCCTTCCCACCTCGCAATGTTGTTGTTGCTGCCTTTTTGATTTGTATCCTCTGT
ATAGACATTTTTTAAAAACGATTTCTCTTTTATTGTGCAAGTGTGAGAGTCTGAGGCCCATTTCT
GCTGTGTATATATCCTGACTCGGGGCTTTTATTAGCAAACTGTTTCTTCTGTGAGACAATGTCA
TATTCAACTCTGTTTATATTAACCACTGTGAAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC033809 unedited AGTTTAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGCTTGGGCATT TACCCATGCCAGAAGGCTAACCTGGGGGAGGGGGCGCTTGTGCTGGTGAGGCACTTGG ATACATACTGATGCTGCAAGTTCAGGGGATTTTCTTACTCTTAGGTTTAACCAAGAACA CTGAGCAGGAAAAACCTGCCTTCTAACTGCATGTATTTTTCTTTTTGGAAAGGT GGTAGAGACTCAGAAGCTTCTTGTGTTTTCTTCAGGCCTGCTCCAGTTTTCTTAACAGT TTCTTTTGTGCTTCTCTCTCCCTTGTGCTTCCATGGCAGTAATCCTCCTAGAGTCC AAGCAGTCTGTTGTATGGAGCAGGGTGTGTTGGTTTTCTGGGCCATCATTATGGCTGCT TCAGAGTCAGAAGAAAGCCATAGGGCAGTAGGGGAGCTCCTATTGCCTAGCCCTCTCCC TTTGTGGCTCCCACTCTAGCTGCCTATTTTTGCTCATCAGCTGGTGAGTCAGTATGGCC AGCAGTTCTCCCTCCCTAAGCCCTTGCTACTTTATGGGTAGCTTTCAGGTTTGGTGGC TTGAGGGTGGGGCAACTCACCCTGCCAGGTAACCTCCGAAGGGTGNGGAGTGGATT ATCTTCTAGGCTCTTACCCGCGGTAGGGAAGGGCATCAACTGTCTTCTTCCATTCTC CTTTCCCATCCCATTTAGTGCTGCCACAGGGCAGAAGCACAAACCAACCACACAGT CTCTGACTTCTCCTAACACTTTGAGTTGTTGAATGNGCTCAGGGCAAGAGTTTTTGCT GCCTCCAGCGTGGTCACAGGTTATTGAACTGCCTGCCTGCTTTTCTCATGCACTCC AGCATTTTCCCAAGAAGTTTGACTATGA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC033809
<b>Insert Size:</b>	2500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC033809.1</a>
<b>RefSeq Size:</b>	1606 bp
<b>RefSeq ORF:</b>	1606 bp
<b>Locus ID:</b>	29934
<b>Cytogenetics:</b>	Xq13.1

**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. 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]