

Product datasheet for **SC105807**

SNX5 (BC002724) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX5 (BC002724) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC002724, the custom clone sequence may differ by one or more nucleotides

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CTGGGAGAGTGTCCGTTGCTTCCCGTCCGTGTCGCGGCCCTGCGGTTGGCGGCCCTCTCGTGGAGCGGAG
CAAGGGTAGGCCCCACGTGGCGCTCTTGGCCGGCTCCAAGATGGACGGCAGCGGGGACTGGGAGGCTGCT
CTGGGGGAGCACGTGGCGCCCTGCTCGCTGCTCCCGGGCAGCTGGGATGGTGGCGGAGTCCGGAGGCGC
TCCTGCCGCCGTGCGGCAGGGAGGCCGGCGGAGGCGGGGCTGTGGCCGCCCCGAGAGGCGCCAGGCGG
CGGCGGCGGCGGCCAGCTTCTTCTTCTCGCACAGCCAGGCGGCCCTGCTCGAGTCCCGCGTCGCCA
TGGCCGCGGTTCCCGAGTTGCTGCAGCAGCAGGAGGAGGACCGCAGCAAGGTGAGGTCTCCAGCCTCA
GACTCTGGGCGGCGGCCCTGCGAGCTCCGGGTCGCTGCATTCTTCCCTTGGCGGTCCATAGGCCGT
GGCTGCTCGCCGCCATCCCCAGCGCGGAAGCACCCGTGAGACCGGGCGGCCCTCTCCCTGGTCTTCA
CTGAAGGCTGCCCGGGGAATCCCTGTGGATGTCCCGATTCTATTAGGACAGAACCAGAGACGCGGGAC
CTTAGCCCCAGCTCAGGCGCCGGTGCCGAGCGGACTTGGAGAGATGATCTCTGGAGACCCCGGAATGTTC
TTTTTAAACTTTCCTCGCTTCGTGGTGACAGTAGGTGAACGTGAAATTGACTTAACATGCGACAGAC
CAGTTTGGTTGTGGCCCAAATACCCTCTCCCCCACCTTTACTGAGAAGACTTTTTGGGGGG
GGGGCCCAACAACCTGGGAAATTGCATCAAGCGTCCGAACATGCTGCTTACAACCTTAGAAACGAAAA
TGCCTTGTGGGAGTTGTGAATTTTAGTAGGTGCTCAAATACTTGCTGAACCTTGGTGTCTATTTT
AAGTCTTGCCCATGATGTAACGTGCCCTAGGTACGTGTATCTTGAGGTCTAAAAGATTATTTATGCA
ATAAATTGAAATTCCTATAGCCAATTAAGATTCAAAAAAAAAAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC002724 unedited <pre> AGAATTTTGTAACTACGACTCACTATAGGGCGGCCGCGATAATCCCCCGCACCGAACGCG GTCTTTCTCTAGACGCGTCTTGCTGGGAGAGTGTCCGTTGCTTCCCGTCCGTGTCGCGGC CCTGCGGTTGGCGGCCTCCTCGTGGAGCGGAGCAAGGGTAGGCCCCACGTGGCGTCTTTG CCCGGCTCCAAGATGGACGGCAGCGGGGACTGGGAGGCTGCTCTGGGGGAGCACGTGGCG CCCTGCTCGCCTGCTCCCGGGGAGCTGGGATGGTGGCGGAGTCCGGAGGCCTCCTGCCG CCGTCGGGCAGGGAGGCCGGCGGAGGGCGGGCCGTGGCCGCCCGAGAGGCGCCAGGC GGCGGCGGCGGCCGCGCCAGCTTCTTTCTTCCTCGCACAGCCAGGCGGCCCTGCTCGAGT CCCGCGTCGCCATGGCCGCGGTTCCCGAGTTGCTGCAGCAGCAGGAGGAGGACCGCAGCA AGGTGAGGTCTCCAGCCTCAGACTCCTGGGCGGGCGGCCCTGCGAGCTCCGGGGTTCG TGCATTCTTTCCCTTGCGCGTCCATAGGCCGTGGCTGCTCGCCGCCATCCAGCGCGGGA AGCACCCGTGAGACCGGGCGGCCCTCTCCCTGGTCTTCACTGAAGGCTGCCCCGNGA ATCCCTGNTGGATGTCCCGGATTCTATTANGACAGAACAGANACGCGGGACCTTAGCCC CAGCTANNGCGCNGTGCCGAGCGACTTGAANAGATGATCTCTGGAACCCGAATGNTCT TTNTAACTTTTCTCGCTTCGTGCGACAGTAGNTACCGTGAATGACTACAGCACAAACCT TTTGGGTTTGTGCCAAATACCTTTCCTCCCACTATAAAAAATTTTGGGGGGGGGAG CCCAACACTGGGAAATGTTAAGCGNCGACATGCGGTCACTTAACAAGGCGTGTGGGGGGG AGTGGATTTTTTAAGGGCCAACCTCGGACTGGGTATTTAAC </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC002724
Insert Size:	1500 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>BC002724.1</u>
RefSeq Size:	1106 bp
RefSeq ORF:	1106 bp
Locus ID:	27131
Cytogenetics:	20p11.23

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 functions in endosomal sorting, the phosphoinositide-signaling pathway, and macropinocytosis. This gene may play a role in the tumorigenesis of papillary thyroid carcinoma. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2013]