

Product datasheet for **SC117767**

SNX4 (NM_003794) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX4 (NM_003794) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX4
Synonyms:	ATG24B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117767 sequence for NM_003794 edited (data generated by NextGen Sequencing)

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ATGGAGCAGGCACCTCCGGACCCCGAGCGCAGCTCCAGCCGGCCCTTGGAGCCGCTG
GGCTCCCCAGACGCTGGGCTGGGGCTGCGGTCGGCAAGGAAGCGAGGGGCCGAGAA
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AGTGTTCAGAACGAGAAAAACGAACTGGAAGAAATGCCATGAACATGCAAGAAACATAT
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GACTCACTATGGCGGCGATATAGTGAATTTGAGTTGTTGAGAAGCTACCTTTAGTTTAC
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ACCAATGCTAAGGAATGCTTTAGCAAGATGTAA

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Clone variation with respect to NM_003794.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003794 unedited
 GTATTTTTTAAACCGAACTCACTATAGNGCGTGCCGCGCAATTCGGCAGGAGGGTTCGC
 CGCTCCGAAGTGCAGCCATGGAGCAGGCACCTCCGGACCCGAGCGGCAGCTCCAGCCGG
 CGCCCTTGGAGCCGCTGGGCTCCCCAGACGCTGGGCTGGGGCTGCGGTTCGGCAAGGAAG
 CGGAGGGGGCCGAGAAGAGAGCTCTGGGTCGACACTATGACACACAATAATTTTGGT
 TGAAGAAGATAGAAATCAGTGTTTCAGAAGCAGAAAAACGAACTGGAAGAAATGCCATGA
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 AATTTGTTTGGCATAAACTCTCTGCTGACAACATGGATCCAGATTTTGTGGCGAGGCGAC
 GGATTGGTTTAGAAAACTTTCTCTTGAGGATTGCTATACATCCCATCCTTTGTAGAGACA
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 ACCCAGACAAGAGATTTACTGACCTTAAGCACTATAGTGATGAACTGCAGTCTGTCATCT
 CACATCTTCTTCGAGTCAGAGCTAGAGTAGCAGATCGACTCTATGGTGTATATAAAGTAC
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 GGACTGCANAGTCTGGTCATATATGGATGTGATGCANTCTCTATTGATGATTTTGGAG
 ATGAAGACATATGCAGATCAGTAAAGATATCTTNTTTCAGAGCATTGCGGCTGGTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003794 unedited
 ACTATGGAACCGCGGCCCAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTCAGCACAAT
 ATTTTCATTTATTTATTGTATAAGTTTGGCAAACAGCACAAAAATCCAGCAACATTTAAAA
 CATATAAAAAAGTCAAATGCTAAACAGGACTAGGGATTTTTTTTTTACATCATTAGAAATA
 ACGAGTACACATTTTAAGATTCTGCAAAGCTAGCAAAATGAAGATGCTTGCCTTCTGAAC
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 AAGCAATAGAAAAGAAGGATGTTAATGATGAAGATAGCAACACATATGTTTAGTACATAT
 ATCTTACACATTGAAATGCTACATCTTATACCCTGAAATGCCATGTGTAGAGAGCCAAGC
 AGAGTAAATTTAGGCTCATTACTGAGGTTAAGAATTATTTGAGAAGAATTTAATCTTAT
 ATGTAACATATTCAGTAAAACTTTCTATATAGGAGTTGCTAGAGGATGACAATGTATCC
 CATTATAGATCTGAGAAGTTGAGTCTTCTTTGTTGGCAGTATAAAATTTCTGACCAGTAT
 CAAAATTTCTGGTAAACACAAATTAAGGCAATTTCTAGTGATGCAAAACATTACAAGGG
 GCATCAATGAATGTAGAAGAAAATCGTAGATTTTTCACATCAAGTTTCTGCTGAGCTTTG
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 GATCTTACCAAGTAAATATAGGAATTCATCTTAGGAAAAATCCCTACTTAATAGATC
 TGAAACAGCTGGGTCTTGAAACANACATCTAGAAATTACGAACANTCTGACATCAGTCATT
 GGNTCAGAAGCGTGACAACAAATCTGTGGTATATATAAAATAACTTNTTGGNATCAGC
 ACAGTCCCCAAACCTCAANTTATATATTAATCTCATA

Restriction Sites:

NotI-NotI

ACCN:

NM_003794

Insert Size:

2500 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_003794.2](#), [NP_003785.1](#)

RefSeq Size: 2567 bp

RefSeq ORF: 1353 bp

Locus ID: 8723

UniProt ID: [O95219](#)

Cytogenetics: 3q21.2

Domains: PX

Protein Families: Druggable Genome

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 associated with the long isoform of the leptin receptor and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor in cell cultures, but its function is unknown. This protein may form oligomeric complexes with family members. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Nov 2012]
Transcript Variant: This variant (1) represents the longer transcript and is the protein-coding variant.