

Product datasheet for **SC308794**

SNX22 (NM_024798) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX22 (NM_024798) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308794 representing NM_024798. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGCTGGAAGTTCACATCCCGTCGGTGGGGCCCGAGGCCGAGGGGCCAGGCAGAGCCCGGAGAAAAGC
CACATGGTGTTCGAGTGGAGGTGCTGTGCAGCGGGCGCAGACACCGTGCCAAGGCGCTACAGCGAG
TTCCACGCGCTGCACAAGCGGATCAAGAAGCTGTACAAAGTGCCCGACTTCCCCTCGAAACGCCTGCC
AACTGGAGGACCAGAGGGTTGGAACAGCGCCGGCAGGGCTTGGAGGCTTACATCCAGGGCATCCTGTAC
CTGAACAGGAGGTGCCAAGGAGTTACTGGAATTCCTGAGACTTCGGCACTTCCCCACAGACCCCAAG
GCTAGCAACTGGGACCCCTGAGGAGTTCCTGCCTGGCGACAGCAGTCCCAGCAGCACCAGCGGCCT
GTCCTGAGCTTCCATGTGGATCCCTATGTTTGCAACCCCTCCCCAGAGTCGCTGCCCAACGTGGTGGTG
AATGGTGTGCTCCAGGGCCTCTACAGCTTCAGCATCAGCCAGATAAAGCCAGCCAAAGCGGCCTGT
CACCTGCTCCTCTGCCACCGATGCC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_024798
Insert Size:	582 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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_024798.2</u>
RefSeq Size:	3614 bp
RefSeq ORF:	582 bp
Locus ID:	79856
UniProt ID:	<u>Q96L94</u>
Cytogenetics:	15q22.31
MW:	22.1 kDa
Gene Summary:	<p>The protein encoded by this gene is a sorting nexin that is found in the cytoplasm, where it interacts with membrane-bound phosphatidylinositol 3-phosphate. The encoded protein may play a role in intracellular trafficking. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq, Dec 2012]</p> <p>Transcript Variant: This variant (1) represents the protein-coding transcript.</p>