

Product datasheet for **SC335890**

SNX2 (NM_001278199) Human Untagged Clone

Product data:

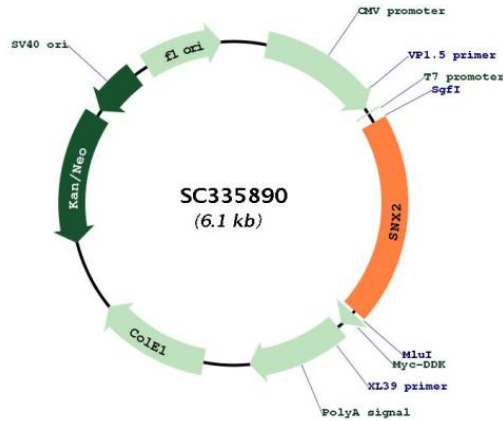
Product Type:	Expression Plasmids
Product Name:	SNX2 (NM_001278199) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX2
Synonyms:	TRG-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335890 representing NM_001278199. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGTCTGCTCCCGTGATCTTTGATAGATCCAGGGAAGAGATTGAAGAAGAAGCAAATGGAGACATTTT
GACATAGAAAATGGTGTATCAGATCCAGAAAAAGTTGGTGATGGCATGAATGCCTATATGGCATATAGA
GTAACAACAAAGACATCTCTTCCATGTTCAAGAGTGAATTTTCAGTGAAAAGAAGATTCAGCGAC
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GAAAACGGAGAGCAGCTCTTGAAGGTATCTTCAAAGAACAGTAAAACATCCAACCTTTACTACAGGAT
CCTGATTTAAGGCAGTTCTTGGAAAGTTCAGAGCTGCCTAGAGCAGTTAATACACAGGCTCTGAGTGGA
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GAGGAGAAGATAGACCAGTTACATCAAGAACAAGCTTTTGTGACTTTTATATGTTTTCAGAACTACTT
AGTGACTACATTCGTCTTATTGCTGCAGTGAAGGTGTGTTTGACCATCGAATGAAGTGTGCGCAGAAA
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GAAGCATTCTACCTGAAGCCAAAGCCATTGCC TAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001278199

Insert Size: 1209 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_001278199.1](#)

RefSeq Size: 7110 bp

RefSeq ORF: 1209 bp

Locus ID: 6643

UniProt ID: [O60749](#)

Cytogenetics: 5q23.2

MW: 46.1 kDa

Gene Summary:

This gene belongs to the sorting nexin family whose members contain the phosphoinositide-binding phox (PX) domain. The encoded protein is a component of the retromer complex which plays a role in protein sorting in the endocytic pathway. This protein may form oligomeric complexes with other family members. Alternate splicing results in multiple transcript variants of this gene. Pseudogenes associated with this gene are located on chromosomes 1 and 7. [provided by RefSeq, May 2013]

Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 2 which is shorter at the N-terminus compared to isoform 1. 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.