

Product datasheet for **SC333470**

SNX12 (NM_001256187) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNX12 (NM_001256187) Human Untagged Clone
Tag: Tag Free
Symbol: SNX12
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC333470 representing NM_001256187.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

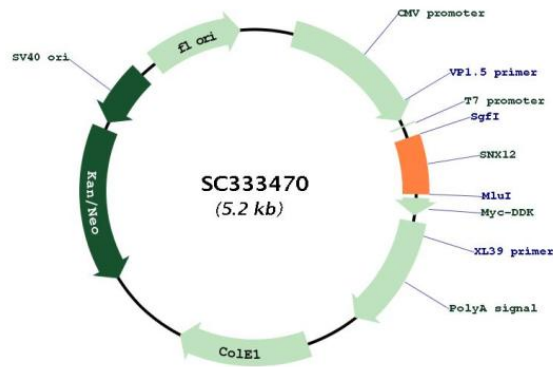
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCGGACACGGCAGTAGCTGATACCCGGCGCCTTAACTCGAAGCCGCAGGACCTGACCGACGCTTAC
GGGCCCAAGTAACTTCCTGGAGATCGACATCTTAACTCCTCAGACGGTGGCGTGGGACGCGCGCGC
TTCACCACCTATGAGGTTTCGCATGCGGACAAACCTACCTATCTTCAAGCTAAAGGAGTCTGCGTACGG
CGGCGCTACAGTGACTTTGAGTGGCTGAAAAATGAGCTGGAGAGAGATAGCAAGAATTGCTGGGCACCC
ACTGGCTCAGAATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001256187

Insert Size: 291 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_001256187.1](#)

RefSeq Size: 2291 bp

RefSeq ORF: 291 bp

Locus ID: 29934

Cytogenetics: Xq13.1

MW: 11.1 kDa

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]
Transcript Variant: This variant (4) lacks an exon in the coding region which results in a frameshift, compared to variant 1. The resulting protein (isoform 3) has a distinct C-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.