

Product datasheet for **SC330071**

SNX1 (NM_001242933) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX1 (NM_001242933) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX1
Synonyms:	HsT17379; VPS5
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330071 representing NM_001242933. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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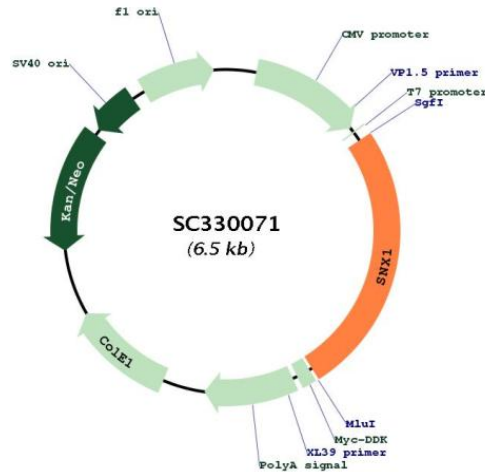
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001242933

Insert Size: 1674 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_001242933.1](#)

RefSeq Size: 7858 bp

RefSeq ORF: 1674 bp

Locus ID: 6642

UniProt ID: [Q13596](#)

Cytogenetics: 15q22.31

Protein Families: Druggable Genome

MW: 63.1 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 endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (4) uses an alternate splice site that causes a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (d) has a distinct and longer C-terminus, compared to isoform a. 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.