

Product datasheet for **SC331377**

SNX10 (NM_001199837) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNX10 (NM_001199837) Human Untagged Clone
Tag: Tag Free
Symbol: SNX10
Synonyms: OPTB8
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331377 representing NM_001199837.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGATGCCATTACAGGAATTTGTAAGTGTCTGGGTTTCGAGATCCTAGGATTCAGAAGGAGGACTTCTGG  
CATTCTTACATTGACTATGAGATATGTATTCATACTAATAGCATGTGTTTTACAATGAAAACATCCTGT  
GTACGAAGAAGATATAGAGAATTCGTGTGGCTGAGGCAGAGACTCCAAAGTAATGCGTTGCTGGTACAA  
CTGCCAGAACTTCCATCTAAAAACCTGTTTTTCAACATGAACAATCGCCAGCACGTGGATCAGCGTCGC  
CAGGGTCTGGAAGATTTCTCAGAAAAGTCTACAGAATGCACTTTTGCTTTCAGATAGCAGCCTTAC  
CTCTTCTTACAGAGCCATCTGAATTCAGAAGACATTGAGGCGTGTGTTTCTGGGCAGACTAAGTACTCT  
GTGGAAGAAGCAATTCACAAGTTTGCCTTAATGAATAGACGTTTCCCTGAAGAAGATGAAGAAGGAAAA  
AAAGAAAATGATATAGATTATGATTACAGAAAGTTCATCCTCTGGGCTTGACACAGTAGTGATGACAGC  
AGTTACATGGATGATAAAGTAAATACAGCTCCGCAGGAATCCTGA
```

Restriction Sites: SgfI-MluI
ACCN: NM_001199837
Insert Size: 597 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).



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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_001199837.1](#)

RefSeq Size: 2443 bp

RefSeq ORF: 597 bp

Locus ID: 29887

UniProt ID: [Q9Y5X0](#)

Cytogenetics: 7p15.2

MW: 23.2 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. This gene may play a role in regulating endosome homeostasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]
Transcript Variant: This variant (3) has a distinct 5' UTR, compared to variant 1, which results in the use of a distinct translation initiation signal. It encodes a shorter isoform (2) with a distinct N-terminus, compared to isoform 1.