

Product datasheet for **RG235976**

SNX3 (NM_001300929) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNX3 (NM_001300929) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SNX3
Synonyms: Grd19; MCOPS8; SDP3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235976 representing NM_001300929.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGAGACCGTGGCTGACACCCGGCGGCTGATCACCAAGCCGAGAACCTGAATGACGCCTACGGA
CCCCCAGCAACTTCTCGAGATCGATACAAATCTTCTATTTTCAAGCTGAAAGAATCTACTGTTAGA
AGAAGATACAGTGACTTTGAATGGCTGCGAAGTGAATTAGAAAGAGAGCAAGGTCGTAGTTCCCCCG
CTCCCTGGGAAAGCGTTTTTGCCTCAGCTTCTTTTAGAGGAGATGATGGAATATTTGATGACAATTTT
ATTGAGGAAAGAAAACAAGGGCTGGAGCAGTTTATAAACAAGGTCGCTGGTCATCCTCTGGCACAGAAC
GAACGTTGTCTTACATGTTTTTACAAGATGAAATAATAGATAAAAGCTATACTCCATCTAAAATAAGA
CATGCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235976
Blue=ORF Red=Cloning site Green=Tag(s)

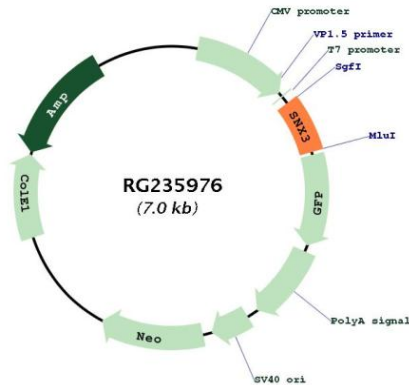
```
MAETVADTRRLITKPQNLNDAYGPPSNFLEIDTNLPIFKLKESTVRRRYSDFEWRSELERESKVVVPP
LPGKAFLRQLPFRGDDGIFDDNFIEERKQGLEQFINKVAGHPLAQNERCLHMFLQDEIIDKSYTPSKIR
HA
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



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 most family members. This protein interacts with phosphatidylinositol-3-phosphate, and is involved in protein trafficking. A pseudogene of this gene is present on the sex chromosomes. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014]

Product images:


Circular map for RG235976