

## Product datasheet for **RG233425**

### SNX10 (NM\_001199835) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SNX10 (NM\_001199835) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** SNX10  
**Synonyms:** OPTB8  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG233425 representing NM\_001199835  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTTCCGGAACAACAGAAAGAGGAATTTGTAAGTGTCTGGTTCGAGATCCTAGGATTCAGAAGGAGG  
 ACTTCTGGCATTCTTACATTGACTATGAGATATGTATTCATACTAATAGCATGTGTTTTACAATGAAAAC  
 ATCCTGTGTACGAAGAAGATATAGAGAATTCGTGTGGCTGAGGCAGAGACTCCAAAGTAATGCGTTGCTG  
 GTACAACCTGCCAGAACTCCATCTAAAAACCTGTTTTTCAACATGAACAATCGCCAGCACGTGGATCAGC  
 GTGCCAGGGTCTGGAAGATTTCTCAGAAAAGTCTACAGAATGCACTTTTGCTTTCAGATAGCAGCCT  
 TCACCTCTTCTTACAGAGCCATCTGAATTCAGAAGACATTGAGGCGTGTGTTTCTGGGCAGACTAAGTAC  
 TCTGTGGAAGAAGCAATTCACAAGTTTGCTTAATGAATAGACGTTTCCCTGAAGAAGATGAAGAAGGAA  
 AAAAAGAAAATGATATAGATTATGATTCAGAAAAGTTTCATCCTCTGGGCTTGGACACAGTAGTGATGACAG  
 CAGTTCACATGGATGTAAGTAAATACAGCTCCGCAGGAATCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG233425 representing NM\_001199835  
 Red=Cloning site Green=Tags(s)

MFPEQQKEEFVSVVWRDPRIQKEDFWHSYIDYEICIHNTSMCFTMKTSCVRRRYREFVWLRQRLQSNALL  
 VQLPELPSKNLFFNMNRRQHVDQRRQGLEDFLRKVLQNALLSDSSLHLFLQSHLNSIEDIEACVSGQTKY  
 SVEEAIHKFALMNRFPPEEDEEGKKENDIDYDSESSSSGLGHSSDDSSSHGCKVNTAPQES

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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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\\_001199835.1](#), [NP\\_001186764.1](#)

**RefSeq Size:** 2638 bp

**RefSeq ORF:** 606 bp

**Locus ID:** 29887

**UniProt ID:** [Q9Y5X0](#)

**Cytogenetics:** 7p15.2

**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]