

Product datasheet for **RG205847**

SNX8 (NM_013321) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX8 (NM_013321) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SNX8
Synonyms:	Mvp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG205847 representing NM_013321
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTGGCCGCGGATGGACCCGCTGCCCGGGCTGCAGTCGGGGCGGAGCTGAGGCGGAGGCTGACG
 AGGAGGCGGATCCCCCGCGTCAGATCTGCCGACACCCAGGCCATCGAGCCCCAGGCCATCGTGCAGCA
 GGTCCCAGCCCCAGTCAATGCAGATGCCGAGGGAAACCCGCTGCTGTGTCCACACCTGCAGGAG
 CTGCTGGCCAGGACACCGTGCAGGTGGAGCTCATTCCGAGAAGAAGGGCCTTCTCTGAAGCATGTGG
 AGTATGAGGTTTCCAGCCAGCGTTCAAGTCTCGGTATACAGACGGTACAATGACTTTCGTGGTCTTCCA
 GGAGATGCTCCTGCACAAGTTCCTACCGTATGGTGCCTGCCCTGCCACCAAGAGAATGCTGGGAGCT
 GACAGGGAGTTTCGAGGCCAGGAGGAGGCCCTGAAGCGCTTCGTCAACCTGGTGGCGGACACCCCC
 TGTTCTCCGAGGATGTGGTCTCAAGCTTCTGTCTTCAGCGGCTCGGATGTGCAGAACAAGTTAAA
 GGAGTCAGCACAGTGCCTCGGGACGAATTCCTGAAGTGAAGCTGGCTACCAGGGCCAAGGACTTCCTC
 CCAGCTGACATCCAGGCTCAGTTTGCCATCAGCCGGGAGCTGATCCGGAACATCTACAATAGCTTTCACA
 AGCTTCGCGACAGGGCCGAGCGGATCGCGTCCGCGGCCATCGACAATGCGGCAGATCTTCTCATATTCGG
 GAAGGAGCTAAGTGAATAGGCTGACACGACCCCGCTGCCCTCCTGGGCCGCTCTGAATAGCAGCACG
 TGGGGTCCCTGAAGCAGGCTCTGAAAGGCCTGTCTGTGGAATTCGCGCTGCTCGCCGACAAGGCTGCAC
 AACAGGGTAAGCAGGAAGAGAACGACGCTGGTGGAGAAGCTGAACCTTCTTGGATCTGCTGCAGTCTTA
 TAAGGACCTGTGCGAGCGCATGAGAAGGGCGTGTGCACAAGCACCAGCGGGCCCTGCACAAGTACAGC
 CTGATGAAGAGGCAGATGATGAGCGCCACCGCGCAGAACCAGCGGAGTCCGTGGAGCAGCTGGAGT
 CCCGCATCGTGGAGCAGGAGAACGCGATTACAGCATGGAGCTGCGGAACTACTTCTCCCTGACTGCCT
 GCACCAGGAGACGAGCTCATCCAGTCTACCTGCCCTCACCTCCCACATCCTCCGCGCCTTCGTCAAC
 TCTCAGATCCAAGGGCACAAGGAGATGAGCAAGGTGTGGAACGACCTGAGGCCCAAGCTCAGCTGCCTCT
 TTGCGGGACCACACAGCACCCCTGACCCACCGTCTCCCGCGGAGGACGGCCTGTGCTCTCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG205847 representing NM_013321
 Red=Cloning site Green=Tags(s)

MTGRAMDPLPAAAVGAAAEAEDEEADPPASDLPTPQAIEPQAIIVQVPAPSRMQMPQGNPLLLSHTLQE
 LLARDTVQVELIPEKKGLFLKHVEYEVSSQRFKSSVYRRYNDFFVVFQEMLLHKFPYRMPALPPKRLGA
 DREFIEARRRALKRFVNLVARHPLFSEDEVLLKFLSFGSDVQNKLKESAQCVDGDEFNLCKLATRAKDFL
 PADIQAQFAISRELIRNIYNSFHKLDRDRAERIASRAIDNAADLLIFGKELSAIGSDTTPLPSSWAALNSST
 WGLKQALKGLSVEFALLADKAAQGGKQEENDVVEKLNLFLLDLQSYKDLKERHEKGVLHKHQALHKYS
 LMKRQMSATAQNPESVEQLESRIVEQENAIQTMELRNYFSLYLHQETQLIHVYLPPLTSHILRAFVN
 SGIQGHKEMSKVWNLDRPKLSCLFAGPHSTLTPPCSPPEDGLCPH

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_013321

ORF Size: 1395 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_013321.1](#), [NP_037453.1](#)

RefSeq Size: 1522 bp

RefSeq ORF: 1398 bp

Locus ID: 29886

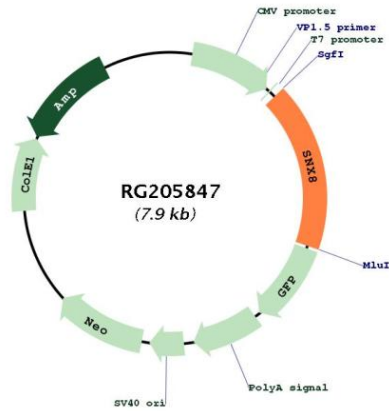
UniProt ID: [Q9Y5X2](#)

Cytogenetics: 7p22.3

Domains: PX

Gene Summary: May be involved in several stages of intracellular trafficking. May play a role in intracellular protein transport from early endosomes to the trans-Golgi network.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205847