

Product datasheet for **RG234123**

SNX17 (NM_001267060) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX17 (NM_001267060) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SNX17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG234123 representing NM_001267060 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCACTTTTCCATTCCCGAAACCGAGTCCCAGCAGCGGGACAGCGGGCTCCGCCTACGTGCTTCGGA
AGGAGTATGGGGCCAATGTGCTTCTGCATTCCCCCAAAGAAGCTTTTCTCTGACTCCTGCTGAGGT
AGAACAGAGGAGAGAGCAGTTAGAGAAGTACATGCAAGCTGTTCCGCAAGACCCATTGCTGGGAGCAGC
GAGACTTTCAACAGTTTCTGCGTCGGGCACAACAGGAGACAGCAGGTCCCCACAGAGGAAGTGTCTCT
TGGAAAGTGTCTCAGCAACGGGCAGAAAGTTCTGGTCAACGTGCTAACTCAGATCAGATCAGATGAGGATGT
CCTGGAGGCTGTAGCTGCAAAGCTGGATCTTCCAGATGACTTGATTGGATACTTTAGTCTATTCTTAGTT
CGAGAAAAAGAGGATGGAGCCTTTTCTTTGTACGGAAGTTGCAAGAGTTTGAGCTGCCTTATGTGTCTG
TCACCAGCCTTCGGAGTCAAGAGTATAAGATTGTGCTAAGGAAGAGTTATTGGGACTCTGCCTATGATGA
CGATGTATGAGAAACCGGGTTGGCCTGAACCTGCTTTATGCTCAGACGGTATCAGATATTGAGCGTGGG
TGGATCTTGGTCACCAAGGAACAGCACCAGCAACTCAAATCTCTGCAAGAGAAAGTCTCCAAGAAGGAGT
TCCTGAGACTGGCCAGACGCTGCGGCACTATGGCTACTTGCCTTTGATGCCTGTGTGGCTGACTTCCC
AGAAAAGGACTGTCTGTGGTGGTGAAGCAAGCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
CAGCAACTCCGAGAAGGCTCCTTCCGGGTACCCGCATGCGATGCTGGCGGGTCACTCCTCTGTACCAT
TGCCAGTGGAAGCAGCAGCCAGGCCAGGCCGGGGTGGGGTGGGGTGGGGTGGGGTGGGGTGGGGTGGGGT
CCTCATGAGCAAGGACCGGCTACAGTGGGTCAACATCACTAGCCCCAGGCTATCATGATGAGCATCTGC
TTGAGTCCATGGTTGATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
GGTGGGGGGTACTCTGAGACGCTCAGACAGCCAGCAAGCAGTGAAGTCCCCACCACTGCTTGAAGTCAAC
TGATGCCACCCGGGAGTCTATGGTCAAATCTCAAGTAAGCTGAGTGCCTGAGCTTGGGGGAATTGGC
AGTCCAGCACAGATGCCAGTCCAGTGTCCACGGCAATTTGCCTTCGAGGGCATTGGAGATGAGG
ATCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG234123 representing NM_001267060
 Red=Cloning site Green=Tags(s)

MHFSIPETESRSGDSGGSAAYVLRKEYGANVLPAPFPKFLFSLTPAEVEQRREQLEKYMQAVRQDPLLGSS
 ETFNSFLRRAQQETQQVPTTEVSLEVL SNGQKVL VNVL TSDQTEDVLEAVA AKLDLPDDLIGYFSLFLV
 REKEDGAF SFVRKLQEFELPYVSVTSLRSQEYKIVLRKSYWDSAYDDDMENRVGLNLLYAQTVSDIERG
 WILVTKEQHRQLKSLQEKVSKKEFLRLAQTLRHGYLRFDACVADFPEKDCPVVVSAGNSEL SLQLRLPG
 QQLREGSFRVTRMRCWRVTSSVPLPSGSTSSPGRGRGEVRELEAFEYLM SKDRLQWVTITSPQAIMMSIC
 LQSMVDEL MVKSGGSIRKMLRRRVGGTLRRSDSQAVKSPPLLESPDATRESMKLSSKLSAVSLRGIG
 SPSTDASASDVHGNFAFEGIGDEDL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001267060

ORF Size: 1335 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_001267060.1](#), [NP_001253989.1](#)

RefSeq Size: 2400 bp

RefSeq ORF: 1338 bp

Locus ID: 9784

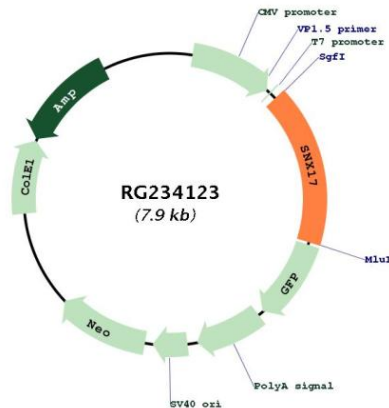
UniProt ID: [Q15036](#)

Cytogenetics: 2p23.3

Protein Families: Druggable Genome

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, but contains a B41 domain. This protein interacts with the cytoplasmic domain of P-selectin, and may function in the intracellular trafficking of P-selectin. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2012]

Product images:



Circular map for RG234123