

Product datasheet for **RG200046**

SNX17 (NM_014748) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX17 (NM_014748) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SNX17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG200046 representing NM_014748
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACCTTTCCATTCCCGAAACCGAGTCCCGCAGCGGGACAGCGCGGCTCCGCCTACGTGGCCTATA
 ACATTCACGTGAATGGAGTCCTGCACTGTCGGGTGCGCTACAGCCAGCTCCTGGGCTGCACGAGCAGCT
 TCGGAAGGAGTATGGGGCCAATGTGCTTCTGCACTCCCGCCAAAGAAGCTTTCTCTGACTCCTGCT
 GAGGTAGAACAGAGGAGAGAGCAGTTAGAGAAGTACATGCAAGCTGTTCCGCAAGACCCATTGCTTGGGA
 GCAGCGAGACTTTCAACAGTTTCTGCGTCGGGCACAACAGGAGACACAGCAGGTCCCCACAGAGGAAGT
 GTCCTTGGAAAGTCTGCTCAGCAACGGGCAGAAAGTTCTGGTCAACGTGCTAACTCAGATCAGACTGAG
 GATGTCCTGGAGGCTGTAGCTGCAAAGCTGGATCTTCCAGATGACTTGATTGGATACTTTAGTCTATTCT
 TAGTTCGAGAAAAAGAGGATGGAGCCTTTCTTTTGTACGGAAGTTGCAAGAGTTTGAGCTGCCTTATGT
 GTCTGTACCAGCCTTCGGAGTCAAGAGTATAAGATTGTGCTAAGGAAGATTATTGGGACTCTGCCTAT
 GATGACGATGTATGGAGAACCGGGTTGGCCTGAACCTGCTTATGCTCAGACGGTATCAGATATTGAGC
 GTGGGTGGATCTTGGTACCAAGGAACAGCACCGGCAACTCAAATCTCTGCAAGAGAAAAGTCTCCAAGAA
 GGAGTTCTGAGACTGGCCAGACGCTGCGGCACTATGGTACTTGCCTTTGATGCCTGTGTGGCTGAC
 TTCCCAGAAAAGGACTGTCTGTGGTGGTGAAGCGGGCAACAGTGAAGTCAAGCTCAGCTCCGCTGC
 CTGGCCAGCAACTCCGAGAAGGCTCCTCCGGGTACCCGCATGCGATGCTGGCGGGTCACTCCTCTGT
 ACCATTGCCAGTGAAGCACGAGCAGCCAGGCGGGGCGGGGTGAGGTGCGCTGGAAGTGGCTTTT
 GAATACCTCATGAGCAAGGACCGGCTACAGTGGGTCAACATCACTAGCCCCAGGCTATCATGATGAGCA
 TCTGCTTGCAAGTCCATGGTTGATGAAGTGAAGTGAAGAAATCTGGCGGCAGTATCAGGAAGATGCTGCG
 CCGGCGGGTGGGGGTACTCTGAGACGCTCAGACAGCCAGCAAGCAGTGAAGTCCCCACCACTGCTTGAG
 TCACCTGATGCCACCGGAGTCTATGGTCAAACCTCTCAAGTAAGCTGAGTGCCGTGAGCTTGGGGGAA
 TTGGCAGTCCCAGCACAGATGCCAGTGCAGTGTCCACGGCAATTTGCTTTCGAGGCGATTGGAGA
 TGAGGATCTG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG200046 representing NM_014748
 Red=Cloning site Green=Tags(s)

MHFSIPETESRSGDSGGSAYVAYNIHVNGVLHCRVRYSQLLGLHEQLRKEYGANVLPAPPPKKLFLSLTPA
 EVEQRRELEKYMQAVRQDPLLGSSETFNSFLRRAQQTQVPTTEVSLEVLLSNGQKLVNVLTSQTE
 DVLEAVAAKLDLPDDLIGYFSLFLVREKEDGAFSFRKLEFELPYVSVTSLRSQYKIVLRKSYWDSAY
 DDDVMENRVGLNLLYAQTVSDIERGWILVTKEQHRQLKSLQEKVSKKEFLRLAQLRHYGLRFDACVAD
 FPEKDCPVVVSAGNSELSLQLRPGQLREGSFRVTRMRCWRVTSVPLPSGSTSSPGRGRGEVRLLELAF
 EYLMSKDRLQWVTITSPQAIMMSICLQSMVDELMVKKSGGSIRKMLRRRVGGTLRRSDSQAVKSPPLLE
 SPDATRESMVKLSKLSAVSLRIGISPSTDASASDVHGNFAFEGIGDEDL

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_014748

ORF Size: 1410 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_014748.4](#)

RefSeq Size: 2043 bp

RefSeq ORF: 1413 bp

Locus ID: 9784

UniProt ID: [Q15036](#)

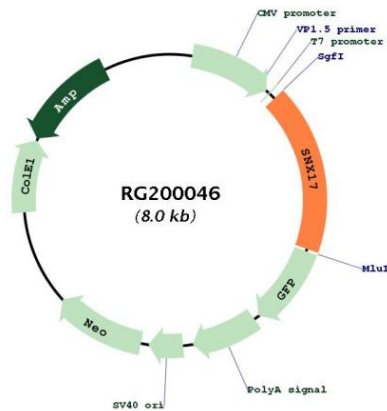
Cytogenetics: 2p23.3

Domains: PX

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 RG200046