

Product datasheet for **RC234157**

SNX17 (NM_001267059) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX17 (NM_001267059) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SNX17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234157 representing NM_001267059
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACCTTTCCATTCCCGAAACCGAGTCCCGCAGCGGGACAGCGGCGGCTCCGCTACGTGGCCTATA
 ACATTCACGTGAATGGAGTCCTGCACTGTCGGCTTCGGAAGGAGTATGGGGCCAATGTGCTTCTGCATT
 CCCCCAAAGAAGCTTTTCTCTGACTCCTGCTGAGGTAGAACAGAGGAGAGAGAGAGGATAGAGAAGTAC
 ATGCAAGCTGTTGCGCAAGACCCATTGCTGGGAGCAGCGAGACTTTCAACAGTTTCTGCGTCGGGCAC
 AACAGGAGACACAGCAGGTCCCCACAGAGGAAGTGTCTTGGAAAGTGTGCTCAGCAACGGGCAGAAAGT
 TCTGGTCAACGTGCTAATTAGATCAGACTGAGGATGTCCTGGAGGCTGTAGCTGCAAAGCTGGATCTT
 CCAGATGACTTGATTGGATACTTAGTCTATTCTTAGTTCGAGAAAAAGAGGATGGAGCCTTTTCTTTTG
 TACGGAAGTTGCAAGAGTTTGGACTGCCTATGTGTCTGTACCAGCCTTCGGAGTCAAGAGTATAAGAT
 TGTGCTAAGGAAGAGTTATTGGGACTCTGCCTATGATGACGATGTCATGGAGAACCGGGTTGGCCTGAAC
 CTGCTTTATGCTCAGACGGTATCAGATATTGAGCGTGGGTGGATCTTGGTACCAAGGAACAGCACCGGC
 AACTCAAATCTCTGCAAGAGAAAGTCTCCAAGAAGGAGTTCTGAGACTGGCCCAGACGCTGCGGCACTA
 TGGCTACTTGGCTTTGATGCCTGTGTGGCTGACTTCCAGAAAAGGACTGTCTGTGGTGGTGAGCGCG
 GGCAACAGTGAGCTCAGCCTGCAGCTCCGCCTGCCTGGCCAGCAACTCCGAGAAGGCTCCTTCCGGGTCA
 CCCGCATGCGATGCTGGCGGGTCACTCCTCTGTACCATTGCCAGTGGAAAGCAGCAGCCAGGCCG
 GGGCCGGGGTGGGTGCGCTGGAAGTGGCTTTGAATACCTCATGAGCAAGGACCGGCTACAGTGGGTG
 ACCACTACTAGCCCCAGGCTATCATGATGAGCATCTGCTTGCAGTCCATGGTTGATGAAGTGGTGA
 AGAAATCTGGCGCAGTATCAGGAAGATGCTGCGCCGGGGTGGGGGTACTCTGAGACGCTCAGACAG
 CCAGCAAGCAGTGAAGTCCCACTGCTTGGTACCTGATGCCACCCGGGAGTCTATGGTCAAAGTCT
 TCAAGTAAAGCTGAGTGGCGTGGCTTGGCGGGAATTGGCAGTCCACAGCAGATGCCAGTGGCAGTATG
 TCCACGGCAATTCGCTTCGAGGGCATTGGAGATGAGGATCTG

ACGCGTACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234157 representing NM_001267059
 Red=Cloning site Green=Tags(s)

MHFSIPETESRSGDSGGSAYVAYNIHVNGVLHCLRLRKEYGANVLPAPFPKFLFSLTPAEVQRREQLEKY
 MQAVRQDPLLGSSETFNSFLRRAQQETQQVPTTEVSLEVL SNGQKVLVNVLTSDQTEDVLEAVAAKLDL
 PDDLIGYFSLFLVREKEDGAFSFVRKLQEFELPYVSVTSLRSQYKIVLRKSYWDSAYDDDVMENRVGLN
 LLYAQTVSDIERGWILVTKEQHRQLKSLQEKVSKKEFLRLAQLRHYGYLRFDACVADFPEKDPCVVVSA
 GNSELSLQLRPLPGQQLREGSFRVTRMRCWRVTSVPLPSGSTSSPGRGRGEVRELEAFEYLMKDRQLQWV
 TITSPQAIMMSICLQSMVDELMVKKSGGSIRKMLRRRVGGTLRRSDSQAVKSPPLLESPDATRESMVKL
 SSKLSAVSLRIGSPSTDASASDVHGNFAFEGIGDEDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001267059

ORF Size: 1374 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_001267059.2](#)

RefSeq Size: 2439 bp

RefSeq ORF: 1377 bp

Locus ID: 9784

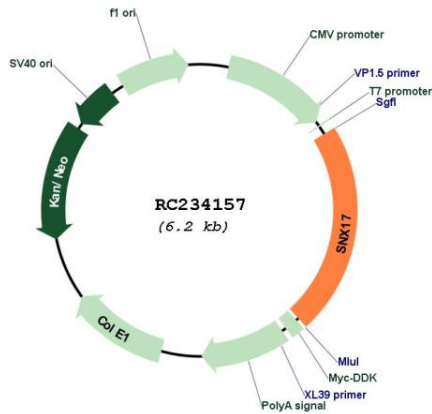
Cytogenetics: 2p23.3

Protein Families: Druggable Genome

MW: 51.9 kDa

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 RC234157