

Product datasheet for **MC201773**

Snx17 (NM_153680) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx17 (NM_153680) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snx17
Synonyms:	5830447M19Rik; AI790646; b2b1625.1Clo; D5Erttd260e; mKIAA0064
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC026571 sequence for NM_153680
 CCAAAATGGCGAGCTGGGCTGCGGAGACGCGCTGAGTGGCAGAGGCAAGCGAGCAGAGGCCTGCGAACCC
 TGGTAGTACGGAGCTCTGCCTTAGGGAACATGCACTTTTCCATTCTGAAACGGAGTCCCGCAGTGGGGA
 CAGCGGCGGCTCCGCCTACGTGGCCTATAACATTACGTGAATGGAGTCTGCACGTGTCGGGTGCGCTAC
 AGCCAGCTTCTGGGGCTGCACGAGCAGCTTCGGAAGGAGTATGGGGCCAACTGGTTCCTGCATTCCTCC
 CAAAGAAGCTGTCTCTTTGACCCTGCAGAGGTGGAGCAGAGGAGAGAGCAGTTGGAGAAGTACATGCA
 AGCTGTCGGCAAGACCATTGCTTGGGAGCAGTGAGACTTTTAAATAGCTTTCTACGTCCGGCCCAACAG
 GAGACCCAAACAGGTGCCACAGAGGAGTTTCTTGGAAAGTGTGCTCAGCAATGGACAGAAAGTTCTGG
 TAACTGTGCTAATTCTGACCAGACAGAAGATGTCTGGAGGCTGTGGCTGCAAAGCTGGATCTTCCAGA
 TGACTTGATCGGATATTTTAGTCTCTTCTTGTTCGAGAAAAAGAAGATGGAGCCTTTTCTTTTGTACGG
 AAGCTGCAGGAGTTTGAAGTGCCTATGTATCTGTTACCAGTCTTCGGAGTCAAGAGTATAAGATTGTGC
 TCAGAAAGAGTTATTGGGACTCTGCCTATGACGACGATGTCATGGAGAACCAGGTTGGCCTGAACCTGCT
 TTATGCTCAGACGGTGCAGACATTGAGCATGGCTGGATCCTGGTCACCAAAGAGCAGCACCAGCAGCTC
 AAATCTCTGCAAGAGAAGGTCTCCAAAAAGGAGTTCTTGGCGCTGGCCAACTCTGCGGCACTATGGCT
 ATCTGCGCTTTGATGCCTGTGTGGCTGACTTTCCAGAGAAGGATTGCCCTGTTGGTGAGCGCAGGCAA
 CAGTGAGCTCAGTCTCCAGCTGCCACTACCAGGCCAGCAACTCCGTGAAGGCTCTTCCGTGTACCCGA
 ATGCGATGCTGGCGGGTACCTCCTCTGTGCCACTCCCTAGTGGGGGCACGAGCAGTCCAAGCCGGGGT
 GGGGTGAGGTTCCGCTGGAAGTGGCTTTTGAATACCTCATGAGCAAGGACCGGCTACAGTGGGTACCAT
 CACCAGCCACAGGCTATCATGATGAGCATCTGCCTGCAGTCCATGGTAGATGAGCTGATGGTGAAGAAA
 TCTGGGGCAGTATCAGGAAGATGTGCGCCGGCGGGTGGGGGGCACCCTGAGACGTTGAGACAGCCAGC
 AAGCAGTGAAGTCCCCACATTGCTCGAGTACCAGACGCCAGCCGGGAGTCCATGGTGAAGTCTCAAG
 TAACTGAGTGTGTGAGCTTGGGGGGATTGGCAGTCCCAGCACAGATGCCAGTCCAGTGCCTGCCCTCA
 GGCAATTTGCGCTTCGAGGGCATTGGAGATGAGGATCTGTAATCTCAGCTGCCTGGATGCTGCCCTCA
 CCTGAGAGGAGATTTATACACACTTGGCCTGTGCTATGCTCCACGTTAGGGGAGTCTTCTTCTATTCC
 CTCCCACTTCTCCTTGTCTTCTTGGCCAGGGGCTCCTAACCATACCTTCCCTTTTCTGGGCTGGCT
 ACACAAAAGATCACTGTCTCTTTTGTAGAGCTGGCCCTTGTGATGCCAAATTAGCATTTAGTATTTGCACA
 AAGTCCAAGAGACTGTGGCTACTTGCCTCGGAGAGGAACTCTAACACTCCATGGGTTGTTTCTGGCTTTT
 GAGGAACTCCAGCACTCCATGGGTTGTTTCTGGCTTTTTCAGGGCCTGGGCAAAGGTTGGGAGAGGCTG
 TGAATGGTCTGAGCAGCTCCCATCATTAACTCAGCCTGATTGCCGCTAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_153680

Insert Size: 1413 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [BC026571](#), [AAH26571](#)

RefSeq Size: 1995 bp

RefSeq ORF: 1413 bp

Locus ID: 266781

UniProt ID: [Q8BVL3](#)

Cytogenetics: 5 B1

Gene Summary: Critical regulator of endosomal recycling of numerous surface proteins, including integrins, signaling receptor and channels (PubMed:12169628, PubMed:16052210). Binds to NPxY sequences in the cytoplasmic tails of target cargos (By similarity). Associates with retriever and CCC complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGB1, ITGB5 and their associated alpha subunits (By similarity). Also required for maintenance of normal cell surface levels of APP and LRP1 (PubMed:16052210, PubMed:18276590). Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)) (By similarity).[UniProtKB/Swiss-Prot Function]