

Product datasheet for MC212066

Snx21 (NM_133924) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snx21 (NM_133924) Mouse Untagged Clone
Tag: Tag Free
Symbol: Snx21
Synonyms: 5730407K14Rik; AI481716
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212066 representing NM_133924
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCGCGGCTCCTACACCGGCTGCGACACGCCCTGGCCAGCGATGGCCCCGGGGAGGCGCGGGCGG
 GCCCAGAGGCCGAGCAGTTCCTGAGAGCTCAGAGCTGGAGGACGATGACGCCGAGGGCCTGTCTCCCG
 CCTCAGTGGCACCCTCAGCTTCACTAGTGCAGGATGACCTGACGACGAAGACGAGGACGACGAGGCC
 GGCTCGACTCGCCGCCCTCAGGAGACGGGCATCGGGAGAAGACGCAGAACGAAGTCCCCACCTGATG
 GACAACGGAGCAGTCAACTCCTGGCCCCAGCTGCAGGATTTCTGGAAAAAGTCTCGGAACACCCTAGT
 TCCACAGAGGCTGCTCTTTGAGGTGACCAGCGCAATGTTGTCAAAGACCCTCCCTCCAAGTACGTGCTC
 TACACCCTCGCCGTGATGGGCCAGGGCCACCAGATCGCCAGCCAGCCAGATCTCTCGCCGATACTCGG
 ACTTTGAGCGGCTGCACAGAACTGCAGCGGCAATCCGGGGCCCCATGTCTGCCATCTCTTTCCCGG
 TAAGCGCTGCGCCGGAACCTTACTGCAGAAACCATTGCCCGTCGAGCAGGGCCTTTGAACAGTTTTTG
 GGCCACCTGCAGGCAGTGCCAGAGCTACGCCAAGCTCCGGACCTGCAGGACTTCTTTGTGCTGCCGAGT
 TCGCGGGGCACAGAGCCTCACCTGCAGTGGTCTTTATCGTGAGGCTCTGGCATTGTGGCCAACGCCTG
 GCAGCTGCAGACCCAGTTGGGCACCCATCTGGCCCAGACCGTCCCTGTTGACTCTGGCTGGCTGGCC
 GTGTGCCATCAGGAGCTGGAGGATCCCGGGGAAGCCCGAGCCTGCAGTGAGAAGGCCCTGCAGCTGCTGG
 GGGACAAGAGACCCATCTTTCTGGCACCTTTCTTGAGGCCATGTCCGGCTCTCTGGCGCTGGG
 CCTGGACAACGGCAGTCGGAGGCCAGCTCCAGGCACTACAGGAAGCAGGCCTTACCTCTACCCACCC
 CCCAGCCTCAAGGAGCTGCTCATCAAAGAGGTGCTGGAC**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133924



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Insert Size:	1092 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:	<ol style="list-style-type: none">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:	<u>NM_133924.3</u> , <u>NP_598685.2</u>
RefSeq Size:	1520 bp
RefSeq ORF:	1092 bp
Locus ID:	101113
UniProt ID:	<u>Q3UR97</u>
Cytogenetics:	2 H3
Gene Summary:	Binds to membranes enriched in phosphatidylinositol 3-phosphate (PtdIns(P3)) and phosphatidylinositol 4,5-bisphosphate (PubMed:25882846). May be involved in several stages of intracellular trafficking.[UniProtKB/Swiss-Prot Function]