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Product datasheet for MC219228

Snx33 (NM_175483) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx33 (NM_175483) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snx33
Synonyms:	E130307J07Rik; Sh3px3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC219228 representing NM_175483
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCACTGAAAGGCCGAGCCCTCTATGATTTCCACAGTGAGAACAAGGAGGAAATCAGTATCCAGCAGG
ACGAAGAGCTGGTTATCTTCAGTGAGACCTCACTGGACGGCTGGCTGCAGGGACAGAACAGCCGTGGGGA
GACAGGGCTCTTCCCTGCTTCTTACGTCGAGATTGTCCGTCCTGGCATCAGCACCAACCATGTGGACTAT
TCCAACAGCCCTGCAGGCTCCCTGGGCACCCAGGGGAGTTTGTATAGCAGCCCGAGTATGGCCAGTCCAG
CCAGGAGTGGTGGGGGCAGCGGCTTCCTCTCAAACCCAGGAAGCTTCGAGGATGATGATGATGATGATTG
GGATGACTGGGATGATGGGTGCACAGTGGTAGAAGAGCCACTAGCTGGCGGCCTAGGTACCAATGGGCAC
CCTCCACTCAACCTCTCCTACCCGGGTGCCTACCCCAACCAGCATATGGCTTTCCGACCCAAGGCACCCC
TGGAAAGGCAGGACAGCCTGGCGTCTGCCAAGCGGGGCAGTGTGGTAGGACGGAACCTCAATCGTTTCTC
GTGCTTCGTACGCTCTGGAGTGGAGGCCTTCATCCTTGGTGATGTGCCCATGATGGCCAAGATTGCTGAG
ACTTACTCCATTGAGATGGGCCCACGTGGCCCTCAGTGGAAGGCCAACCCCCACCCATTTGCCTGCTCCA
TAGAGGACCCCACCAAACAGACCAAGTTCAAAGGCATTAAAAGTTACATCTCTTACAAGCTTACACCCAC
CCACGCAGGCTCGCCTGTTTACCGGCGCTACAAACACTTTGATTGGCTGTACAACCGCCTTCTACACAAG
TTCACAGTGATCTCAGTGCCCCACCTGCCTGAGAAGCAGGCCACAGGCCGCTTCGAAGAGGACTTCATCG
AGAAGCGCAAGCGAAGGCTCATCCTCTGGATGGACCACATGACCAGCCACCCTGTGCTCTCCCAGTATGA
GGGCTTCCAGCACTTCCTCAGCTGCCTGGATGACAAGCAGTGGAAGATGGGTAAGCGCCGGGCAGAGAAG
GATGAGATGGTGGGCGCCAGTTTTCTGCTCACTTTCCAGATCCCCACAGAGCACCAGGATCTGCAGGATG
TAGAGGACCGCGTGGATACATTCAAGGCTTTCAGTAAGAAGATGGATGACAGCGTCCTACAGCTTAGCAA
CGTGGCGGCGGAGCTGGTGCGGAAGCATGTGGGGGGCTTCCGCAAGGAATTCCAGAAGCTAGGAAGTGCC
TTCCAGGCCATTAGCCATGCCTTCCAGATGGACCCTCCCTTTAGGTCTGATGCTCTCAACAATGCCATTT
CTCACACTGGCCGGACCTATGAAACCGTTGGCGAAATGTTTGCGGAACAGCCCAAGCACGACCTCTTCCA
AATGCTTGACACACTGTCTCTCTACCAGGGCCTACTCTCCAACTTCCCTGACATTATCCACCTGCAGAAA
GGTGCCTTTGCCAAGGTGAAGGAAAGCCAGCGCATGAGTGATGAGGGCCGAATGGCTCAGGAAGAGGCAG
ATGGCATTCGCAGGCGCTGCCGTGTGGTAGGCTTCGCCCTGCAGGCCGAGATGAACCATTTCCACCAGCG
CCGTGAGCTCGATTTTAAGCATATGATGCAAAGCTACCTGCGCCAGCAGATTCTTTTCTACCAGCGGGTA
GGCCAGCAGCTGGAGAAGACTCTCCACATGTATGACCACCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175483

Insert Size: 1725 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:	NM_175483.5, NP_780692.2
RefSeq Size:	4564 bp
RefSeq ORF:	1725 bp
Locus ID:	235406
UniProt ID:	Q4VAA7
Cytogenetics:	9 B
Gene Summary:	Plays a role in the reorganization of the cytoskeleton, endocytosis and cellular vesicle trafficking via its interactions with membranes, WASL, DNM1 and DNM2. Acts both during interphase and at the end of mitotic cell divisions. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. Modulates endocytosis of cell-surface proteins, such as APP and PRNP; this then modulates the secretion of APP and PRNP peptides. Promotes membrane tubulation (in vitro). May promote the formation of macropinosomes (By similarity).[UniProtKB/Swiss-Prot Function]