

Product datasheet for MC210005

Snx12 (NM_001110311) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx12 (NM_001110311) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snx12
Synonyms:	2610001F05Rik; AW045757; SDP8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210005 representing NM_001110311 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGACACCGCAGTGGCTGACACTAGGCGCCTTAACCTCGAAGCCCCAAGACCTGACCGACGCTTACG
GGCCGCCAGTAACTTCTGGAGATAGACATCTTAATCCACAGACGGTGGCGTGGCCGCGCGCCTT
CACCACCTATGAGGTTTCGATGCGGACAAACCTACCCATCTTCAAGCTGAAAGAATCCTGTGTACGGCGA
CGCTATAGTGACTTTGAGTGGCTGAAAAATGAGCTGGAGCGAGATAGTAAGATCGTAGTACCACCACTGC
CTGGGAAAGCCTTGAAGCGGCAGCTCCCTTCCGAGGAGATGAAGGGATCTTTGAGGAGTCTTTCATTGA
AGAAAGGAGGCAAGGCCCTCGAACAGTTTATTAACAAAATTGCTGGGCACCCACTGGCTCAGAATGAACGC
TGTCTACACATGTTCTGCAGGAGGAGGCAATTGATAGGAACTACGTCCTGGGAAGGTCCTTGATTAC
ACTGGCTGCTCTCCATGAGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001110311
Insert Size:	513 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).



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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_001110311.1, NP_001103781.1</u>
RefSeq Size:	1124 bp
RefSeq ORF:	513 bp
Locus ID:	55988
Cytogenetics:	X D
Gene Summary:	May be involved in several stages of intracellular trafficking.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, compared to variant 1. It encodes isoform 2 which has a longer, distinct C-terminus, compared to isoform 1. An in-frame AUG is located 45 codons upstream of the annotated translation start site but is not being annotated as a start site since it is not conserved and is in a weak Kozak sequence context.