

Product datasheet for **RN211254**

Snx1 (NM_053411) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx1 (NM_053411) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snx1
Synonyms:	MGC105373
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211254 representing NM_053411
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGTCGGGAGGTGGTGGCTGTAGCGCTTCGGAGCGACTCCCTCCGCCCTTCCCTGGAATGGATCCGG
AGTCCGAAGGGGCTGCCGGGGGTGAGAACCCGAGGCTGGGGACAGCGACACCGAGGGGAGGATATTTT
CACTGGCGCCGCGGCAGCTAGTAAGCCCCAGTCTCCAAGAAAACCACATCCCTTTTTCTATCAAAAAT
GTTTCCAAGAAAATGGGATCCATGAAGAACAAGACCAAGAGCCACAGGACCTCTTTGCAGATGCCACAG
TGGAACTATCCCTGGACAGCACACAGAATAACCAGAAGACAATGCCAGGCCAAAACACTTATTCTCATCC
TACGCAAGAAGCCACAAATTCCTAAGCCACAGCCAAGCTATGAAGAGCTGGAGGAAGAAGAACAGGAG
GATCAGTTTGATTTGACAGTTGGTATCACTGATCCTGAGAAGATCGGGGACGGTATGAATGCCTATGTAG
CCTACAAAGTACCACACAGACAAGCTTACCGATGTTGAGAAGTAGGCAGTTTGCAGTAAAAGAAGATT
CAGTGACTTTCTGGTCTTTATGAGAAGCTCTCAGAGAAGCACTCCAGAATGGTTTCATTGTCCCTCCT
CCACCTGAGAAGAGCCTAATAGGAATGACAAGGTGAAGTTGGGAAGGAAGATTCTTCTTCTGCAGAGT
TTCTTGAGAAAACGGAGGGCTGCTTTGAAAAGGTACCTTCAAAGAATTGTGAATCATCCTACCATGTTACA
GGACCCAGATGTCAGGGAGTTTTTAGAAAAAGAAGAGCTGCCTCGAGCTGTAGGTACGCAGGCTCTAAGT
GGTGTCTGGTCTCCTTAAGATGTTCAACAAAGCTACAGATGCAGTCAGCAAAATGACCATCAAGATGAATG
AATCAGACATTTGGTTCGAGGAGAAGCTCCAGGAGGTGGAGTGTGAGGAACAGCGCCTACGGAAGCTGCA
CGCTGTGGTGGAGACTCTAGTCAACCATAGGAAAGAACTAGCACTGAATACAGCCCTGTTTGCCAAGAGT
CTAGCCATGCTTGGCAGCTCCGAGGACAACACAGCACTGTCTCGAGCACTCTCCCAACTGGCTGAGGTGG
AAGAAAAGATTGAGCAGCTCCACCAGGAACAGGCCAACAATGACTTCTTCTCCTGGCTGAACCTCTGAG
TGACTATATCCGCCTCCTGGCCATTGTCCGAGCCGCCTTCGACCAGCGCATGAAGACATGGCAGCGCTGG
CAGGATGCTCAAGCCACGCTGCAGAAGAAGCGGGAGTCTGAGGCTCGGCTGCTGTGGGCCAACAAAGCCTG
ACAAAAGTCAGCAGGCTAAGGATGAGATTACAGAGTGGGAATCTCGGGTACTCAGTATGAAAGGGACTT
TGAAAGGATTTCAACAGTTGTCCGAAAGGAGGTGACACGATTTGAGAAAAGAGAAATCCAAGGACTTCAA
AACACGTGATCAAGTACCTGGAGACACTCTGCATTCCAGCAGCAGCTGGCAAATACTGGGAAGCCT
TCCTTCTGAGGCCAGGCCATCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_053411

Insert Size: 1569 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_053411.1](#), [NP_445863.1](#)

RefSeq Size: 2028 bp

RefSeq ORF: 1569 bp

Locus ID: 84471

UniProt ID: [Q99N27](#)

Cytogenetics: 8q24

Gene Summary: may play a role in endosome to lysosome trafficking of the epidermal growth factor receptor (Egfr) [RGD, Feb 2006]