

Product datasheet for RC226684

SNX20 (NM_153337) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNX20 (NM_153337) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SNX20
Synonyms: SLIC1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC226684 representing NM_153337
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAAGTCCAGAGCACCTGGGAGCCCTGGCTGCATGGGACCCATAACCCAGTGCACGGCAAGGACCC
 AGCAGGAAGCACCAGCCACTGGCCCCGACCTCCCGCACCAGGACCTGACGGGCACTTAGACACACACAG
 TGGCCTGAGCTCCAACTCCAGCATGACCACGCGGGAGCTTCAGCAGTACTGGCAGAACAGAAATGCCGC
 TGAAGCACGTCAAAGTCTCTTTGAGATCGCTTCAGCTCGCATCGAGGAGAGAAAAGTCTCTAAGTTTG
 TGATGGGGAAATCAAGGCTGGAGAGATGACTTATCCAGGGTCACGTGGCGAGACAGGGACAGCACCAGA
 ACCAGACCCGAGATGTCCACGTCAAAGTGACATGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

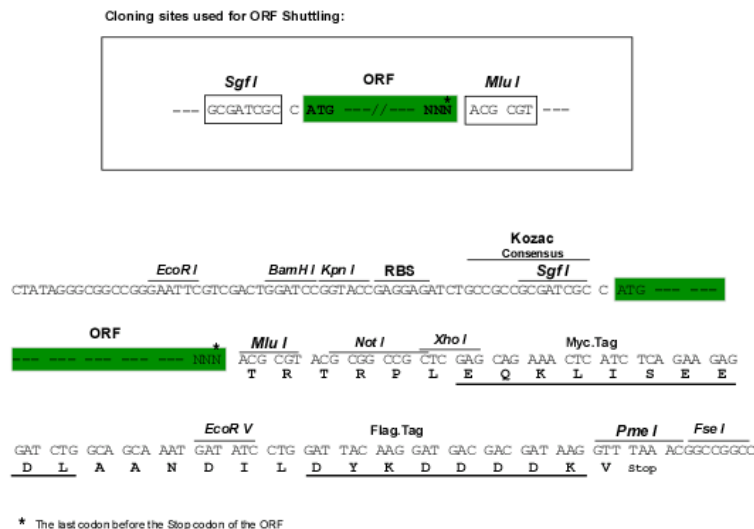
Protein Sequence: >RC226684 representing NM_153337
 Red=Cloning site Green=Tags(s)

MASPEHPGSPGCMGPITQCTARTQQEAPATGPDLPHPGPDGHLDTHSGLSSNSSMTTRELQQYWQNQKCR
 WKHVKLLFEIASARIEERKVSFVMGKSRPGEMTYPGSRGETGTAPEDPRCPRQSDML

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI


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Cloning Scheme:


ACCN: NM_153337

ORF Size: 387 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

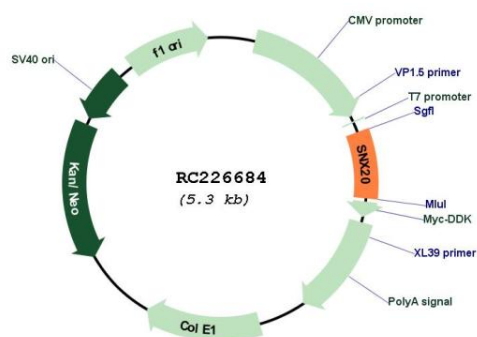
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_153337.3](#)

RefSeq ORF: 390 bp

Locus ID:	124460
UniProt ID:	Q7Z614
Cytogenetics:	16q12.1
MW:	14 kDa
Gene Summary:	SNX20 interacts with the cytoplasmic domain of PSGL1 (SELPLG; MIM 600738) and cycles PSGL1 into endosomes.[supplied by OMIM, Feb 2010]

Product images:



Circular map for RC226684