

Product datasheet for **SC307526**

SNX20 (NM_182854) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX20 (NM_182854) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX20
Synonyms:	SLIC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307526 representing NM_182854. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCAAGTCCAGAGCACCTGGGAGCCCTGGCTGCATGGGACCCATAACCCAGTGCACGGCAAGGACC
 CAGCAGGAAGCACCGCCACTGGCCCCGACCTCCCGCACCCAGGACCTGACGGGCACTTAGACACACAC
 AGTGGCCTGAGCTCCAACCTCCAGCATGACCACGCGGGAGCTTCAGCAGTACTGGCAGAACCAGAAATGC
 CGCTGGAAGCACGTCAAACCTGCTCTTTGAGATCGCTTCAGCTCGCATCGAGGAGAGAAAAGTCTCTAAG
 TTTGTGGTGTACCAAATCATCGTCATCCAGACTGGGAGCTTTGACAACAACAAGGCCGCTCCTGGAACGG
 CGCTATTCGACTTCGCGAAGCTCCAGAAAGCGCTGCTGAAGACGTTTCAGGGAGGAGATCGAAGACGTG
 GAGTTTCCAGGAAGCACCTGACTGGGAACTTCGCTGAGGAGATGATCTGTGAGCGTCGGCGCGCCCTG
 CAGGAGTACCTGGGCTGCTCTACGCCATCCGCTGCGTGCGCCGCTCCCGGGAGTTCTTGGAATTCTC
 ACGCGGCCGGAGCTGCGCGAGGCTTTCCGCTGCCTGCGGGCCGGCCAGTACCCGCGCGCCCTGGAGCTG
 CTGCTGCGCGTGTGCGCTGCAGGAGAAGCTCACCGCCCACTGCCCTGCGGCCGCGCTCCCGGCCCTG
 TGCGCCGTGCTGCTGTGCCACCGCACCTCGACCGCCCCGCCGAGGCCTTCGCGGCCGGAGAGAGGGCC
 CTGCAGCGCTGCAGGCCGGGAGGGCCATCGCTACTATGCGCCTCTGCTGGACGCCATGGTCCGCTG
 GCCTACGCGCTGGGCAAGGACTTCGTGACTCTGCAGGAGAGGCTGGAGGAGAGCCAGCTCCGAGGCC
 ACGCCCCGAGGCATCACCTGAAGGAGCTCACTGTGCGAGAATACCTGCAC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_182854
Insert Size:	951 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_182854.3</u>
RefSeq Size:	2912 bp
RefSeq ORF:	951 bp
Locus ID:	124460
UniProt ID:	<u>Q7Z614</u>
Cytogenetics:	16q12.1
MW:	36.2 kDa
Gene Summary:	<p>SNX20 interacts with the cytoplasmic domain of PSGL1 (SELPLG; MIM 600738) and cycles PSGL1 into endosomes.[supplied by OMIM, Feb 2010]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>