

Product datasheet for **SC114556**

SNX7 (NM_015976) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX7 (NM_015976) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015976, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGGCGAGCGCCGGGCATCGCAGGCGCCCTCCTCGGGCCTCCCGGCCGGGGCGCCAACGGGGAGA
GCCCCGGGGGGCGGCGCCCCCTTTCCGGGCGAGCAGCGGCTCTTCCGCCCTGCTGCAGGCGGAGGTGCTGGA
TCTGGACGAGGACGAGGACGACCTGGAGGTGTTGAGCAAGGATGCCTCATTGATGGACATGAACCTCTTC
AGCCCTATGATGCCAACATCCCCCTTTATCAATGATAAACCAATCAAGTTTGAGGATGAACCAGATTTAA
AGGATCTCTTCATCACAGTTGATGAACCTGAAAGTCATGTTACTACAATAGAACTTTTCATTACGTATAG
GATTATTACTAAGACATCTCGTGGGGAATTTGACTCCAGTGAATTTGAAGTTAGGAGACGATATCAAGAT
TTCCTTTGGTTGAAGGGAACTGGAAGAAGCACACCCCACTCTGATTATTCACCATTGCCAGAAAAGT
TTATAGTAAAAGGAATGGTGGAACGCTTTAACGATGACTTCATTGAGACACGCAGGAAGGCTTTACATAA
ATTTTTGAACCGAATTGCTGATCATCCAACCTTTAACATTTAATGAAGACTTCAAAATTTTCTCACTGCA
CAAGCTTGGGAACCTCTCTCTCACAGAAGCAAGGTCTGGCTTGCTAAGCAGGATGGGGCAAACCGTCA
GAGCTGTTGCGTCCTCAATGAGAGGAGTTAAAAACCGCCAGAGGAGTTCATGGAAATGAATAACTTTAT
TGAAGTATTTAGCCAGAAAATAAATTTGATAGATAAAATATCTCAGAGAATTTATAAGGAAGAAAGGAA
TATTTTGATGAAATGAAAGAATATGGCCCAATTCATATTCTGTGGTCAGCGTCAGAGAGGATCTGGTTG
ATACTCTAAAGGATGTTGCCAGCTGCATTGACAGATGCTGTAAGGCCACTGAAAAGCGGATGCTGGACT
CTCAGAGGCCCTGCTTCCTGTTGTACATGAGTACGTGCTTTATAGTGAAATGTTAATGGGTGTTATGAAA
AGAAGAGACCAAATACAAGCAGAACTGGATTCCAAAGTTGAAGTTTGACCTATAAAAAGGCAGATACTG
ATCTGCTTCCAGAGGAGATTGGAAGAACTGGAAGATAAAGTGAAGTGTGCTAATAATGCCCTGAAAGCAGA
TTGGGAGAGATGGAAACAAAATATGCAAAATGATATCAAGTTAGCATTTACAGATATGGCTGAGGAGAAT
ATCCATTATTATGAACAGTGCCTTGCTACGTGGGAGTCATTCTTACATCACAGACCAACCTTCACTTGG
AAGAAGCCTCTGAAGATAAACCTTAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015976 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGACGAGGACGAGGAC
 GACCTGGAGGTGTTTCAGCAAGGATGCCTCATTGATGGACATGAACCTCTTCAGCCCTATG
 ATGCCAACATCCCCTTTATCAATGATAAACCAATCAAGTTTGAGGATGAACCAGATTTA
 AAGGATCTCTTCATCACAGTTGATGAACCTGAAAGTCATGTTACTACAATAGAACTTTT
 ATTACGTATAGGATTATTACTAAGACAACCTCGTGGGGAATTTGACTCCAGTGAATTTGAA
 GTTAGGAGACGATATCAAGATTTCTTTTGGTTGAAGGGAACCTGGAAGAAGCACACCCC
 ACTCTGATTATTCCACCATTGCCAGAAAAGTTTATAGTAAAAGGAATGGTGAACGCTTT
 AACGATGACTTCAATTGAGACACGCAGGAAGGCTTTACATAAAATTTTGAACCGAATTGCT
 GATCATCCAACCTTAACATTTAATGAAGACTTCAAATTTTCTCACTGCACAAGCTTGG
 GAACTCTCTTCTCACAAGAAGCAAGGTCTGGCTTGCTAAGCAGGATGGGGCAAACCGTC
 AGAGCTGTTGCGTCTCAATGAGAAGAGTTAAAAACGCCCCAGAGGATTCATGGAATG
 AATACTTTATTGAACATTTAGCCAGANATAAATTTGATAGATAAAATATCTCAGAGA
 ATTTATAAGGAAGAAAGGAATATTTTGATGAAATGAAAGAATATGGCCCAATTCATATT
 CTGTGGTCAGCGTCAGAAGAAGATCTGGTTGATACTCTAAGAGATGNTGCCAGCTGCATT
 GACAGATGCTGTNAGGCCACTGAANAGCGGATGTCTGGACTCTCANAGCCCTGCTTCCTG
 TAGACATGAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015976 unedited
 TAGCTNTGNACCCGCGGCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTCATACTA
 AACTTTTTATTAACAGTCCTTACAACATATTTAAATGGCATGTTCCACAGTCAAATA
 TTTAAGAAAAAATCTATATGCAATTATTGGCACACAAATTTAAGAACATAATTTAAAC
 CAAGCCAGATATCTCTGTATTTATATATCTATATACATATAGATATATATCCATACAG
 ATAGATATATCTCAAAATTCATGTCAGTGACCTGGAATACCTGAGATTTCAAGTTGTTGG
 TTTTCCAGATGGGTACAAAACATTTTTCATCCACTTTTATAAGGACACGGCAGATCCAGAA
 AGAATAACTTTGTTAATAAATGCTGTCTCCAAAGATCAAACAGAAGTCTCAATGGGA
 TTAAGGTTTATCTTCAGAGGCTTCTTCAAGTGAAGGTTGGTCTGTGATGAAGGAATGA
 CTCCCACGTAGCAAGGCACTGTTCAATAAATGGATATTCTCTCAGCCATATCTGTAA
 TGCTAACTTGATATCATTTTGCATATTTGTTTCCATCTCTCCCAATCTGCTTTCAGGGC
 ATTATTAGCACATTCCACTTTATCTTCAAGTTTCCAATCTCTCTGGAAGCAGATCAGT
 ATCTGCCTTTTTATAGGTCAAACTTCAACTTTGGAATCCAGTTCTGCTTGTATTTGGTC
 TCTTCTTTTCATAACACCCATTAACTTTCACTATAAAGCACGTAATCATGTACAACAGG
 AAGCAGGGCCTCTGAGAGTCCAGACATCCGCTTTTCAGTGGCCCTACAGCATCTGTCAAT
 GCAGCTGGCAACATCCTTTAAAGTATCACCAGATCCTCTTCTGACGCTGACACAGA

Restriction Sites:

NotI-NotI

ACCN:

NM_015976

Insert Size:

1560 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:	<u>NM_015976.2, NP_057060.1</u>
RefSeq Size:	1792 bp
RefSeq ORF:	1164 bp
Locus ID:	51375
UniProt ID:	<u>Q9UNH6</u>
Cytogenetics:	1p21.3
Domains:	PX
Gene Summary:	This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region like some family members, and its exact function is unknown. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 11. [provided by RefSeq, Jun 2010] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).