

Product datasheet for **SC329293**

SNX26 (ARHGAP33) (NM_001172630) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX26 (ARHGAP33) (NM_001172630) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP33
Synonyms:	NOMA-GAP; SNX26; TCGAP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001172630, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGTGCCACTGCTGCTGCAGTACCTGGAGACTGTCAGGACTGGTGGACAGTAAC
CTCAACTGCGGGCCTGTGCTCACCTGGATGGAGCTGGACAATCACGGCCGCGACTGCTC
CTCAGTGAGGAGGCGTCACTCAATATCCCTGCAGTGGCGCCGCCATGTGATCAAACGG
TATACAGCCCAGGCGCCAGATGAGCTGTCTTTGAGGTGGGAGACATTGTCTCGGTGATC
GACATGCCACCCACAGAGGATCGGAGCTGGTGGCGGGCAAGCGAGGCTTCCAGGTCCGG
TTCTTCCCAGTGAGTGTGTGAACTCTTACAGAGCGGCCAGGTCGGGCTGAAGGCG
GATGCCGATGGCCCCCATGTGGCATCCCGCTCCCGAGGATCTCGTCTGTGACCTCA
GCTGTGCCACGGCTCGTGGGAAGCTGGCCGGCTGCTCCGCACCTTCATGCGCTCCCGC
CCTTCTCGGCAGCGGCTGCGGCAGCGGGAATCCTGCGACAGAGGTTGTTGGCTGCGAT
CTTGGCGAGCACCTCAGCAACTCAGGCCAGGATGTGCCCCAGGTGCTGCGCTGCTGCTCC
GAGTTCATTGAGGCCACGGGGTGGTGGATGGGATCTACCGGCTCTCAGGCGTGTCTTCC
AACATCCAGAGGCTTCGGCACGAGTTTGACAGTGAGAGGATCCCGGAGCTGTCTGGCCCT
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CCGAACCTCTGCTCACCTACCAGCTCTATGGGAAGTTCAGTGAGGCCATGTGAGTGCCT
GGGAGGAGGAGCGTCTGGTGGGGTGCACGATGTCATCCAGCAGCTGCCCCACCACAT
TACAGGACCCTGGAGTACCTGCTGAGGCACCTGGCCCATGCTGGGACCCAACTGCTACGGCCATG
GAGCTGGAGTCAGTGGGAATGGGTGGCGCGGCGGCTTCCGGGAAGTTCGGGTGCAGTCG
GTGGTGGTGGAGTTTCTGCTCACCCATGTGGACGTCCTGTTTACGCGACACCTTACCTCC
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TGCCCTCCACCCGCTGCTGACGCTGGAGGAAGCCAGGCACGCACCCAGGGCCGGCTG
GGGACGCCACGGAGCCACAACCTCCAAAGGCCCGGCTCACCTGCGGAAAGGAGGAAA
GGGAGAGAGGGGAGAAGCAGCGGAAGCCAGGGGCGAGCAGTGGAAAGACGTTCTTTGCA
CTGGGCCGGGCCAGTGTCCCTCGAAAGAAGCCCTGCCCTGGCTGGGGGACCCCGT
GCCCCACCGCAGCTTACGGCAGCAGACCCGACACCGTCACTGAGATCTGCCAAGAGC

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GAGGAGTCTCTGTTCATCGCAGGCCAGCGGGCTGGCCTCCAGAGGCTGCACAGGCTGCGG
 CGACCCACTCCAGCAGCGACGCTTTCCTGTGGGCCAGCACCTGCTGGCTCCTGCGAG
 AGCCTGTCTCTCCTCCTCCGAGTCTCCTCTGAGTCTCCTTTCTCTCTCT
 GAGTCTCAGCAGCTGGGCTGGGGCACTCTGGGTCTCCCTCACACCGTACCTCAGCC
 TGGCTAGATGATGGTGTAGCTGGACTCAGCCACCCCGCTGCCTGGAGGGACTCCGG
 GGGTGGACTTTGATCCCTTAACCTTCCGCTGCAGCAGCCACCCAGGGGATCCCGCA
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 CCTGAGCCCTCTACGTCAACTAGCTCTAGGGCCAGGGTCCCTCACCTGCCTCTTCC
 TCCTCCTTCCCTCCTGCCACCCCGAAGCCGTTAGATCCCGGTCCCCAGTCCCC
 CGCCTTCCCCAGAAACAACGGGCACCCTGGGGACCCCGTACCCCTCATAGGGTGCCGGT
 CCCTGGGGCCCTCCTGAGCCTCTCTGCTCTACAGGGCAGCCCCGCCAGCCTACGGAAG
 GGGGGCAGCTCCACCGAGGTCTTGTACAGAAATGGAGGGCAAGAGGGGAGGGGGCT
 GGTCCCCACCCCTTACCCACTCCAGCTGGTCCCTCCACTCTGAGGGCCAGACCCGA
 AGCTACTGCTGA

- Restriction Sites:** Please inquire
- ACCN:** NM_001172630
- 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:

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_001172630.1](#), [NP_001166101.1](#)

RefSeq Size: 4242 bp

RefSeq ORF: 3372 bp

Locus ID: 115703

UniProt ID: [O14559](#)

Cytogenetics: 19q13.12

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. Alternative splice variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Feb 2010]
Transcript Variant: This variant (2) differs in 5' and 3' coding regions, as compared to variant 1. The resulting isoform (2) is shorter at the N-terminus, has a bigger additional segment and also lacks a smaller segment in the C-terminal region, as compared to isoform 1.