OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC230655

SNX26 (ARHGAP33) (NM_001172630) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX26 (ARHGAP33) (NM_001172630) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARHGAP33
Synonyms:	NOMA-GAP; SNX26; TCGAP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC230655 representing NM_001172630 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCTGGTGCCACTGCTGCTGCAGTACCTGGAGACACTGTCAGGACTGGTGGACAGTAACCTCAACTGCG GGCCTGTGCTCACCTGGATGGAGCTGGACAATCACGGCCGGCGACTGCTCCTCAGTGAGGAGGCGTCACT CAATATCCCTGCAGTGGCGGCCGCCCATGTGATCAAACGGTATACAGCCCAGGCGCCAGATGAGCTGTCC TTTGAGGTGGGAGACATTGTCTCGGTGATCGACATGCCACCCACAGAGGATCGGAGCTGGTGGCGGGGCA AGCGAGGCTTCCAGGTCGGGTTCTTCCCCAGTGAGTGTGTGGAACTCTTCACAGAGCGGCCAGGTCCGGG CCTGAAGGCGGATGCCGATGGCCCCCCATGTGGCATCCCGGCTCCCCAGGGTATCTCGTCTCTGACCTCA GCTGTGCCACGGCCTCGTGGGAAGCTGGCCGGCCTGCTCCGCACCTTCATGCGCTCCCGCCCTTCTCGGC AGCGGCTGCGGCAGCGGGGAATCCTGCGACAGAGGGTGTTTGGCTGCGATCTTGGCGAGCACCTCAGCAA CTCAGGCCAGGATGTGCCCCAGGTGCTGCGCTGCTGCTCCGAGTTCATTGAGGCCCACGGGGTGGTGGAT GGGATCTACCGGCTCTCAGGCGTGTCTTCCAACATCCAGAGGCTTCGGCACGAGTTTGACAGTGAGAGGA TCCCGGAGCTGTCTGGCCCTGCATTCCTGCAGGACATCCACAGCGTGTCCTCCCTCTGCAAGCTCTACTT CCGAGAGCTTCCGAACCCTCTGCTCACCTACCAGCTCTATGGGAAGTTCAGTGAGGCCATGTCAGTGCCT GGGGAGGAGGAGCGTCTGGTGCGGGTGCACGATGTCATCCAGCAGCTGCCCCCACCACATTACAGGACCC TGGAGTACCTGCTGAGGCACCTGGCCCGCATGGCGAGACACAGTGCCAACACCAGCATGCATGCCCGCAA CCTGGCCATTGTCTGGGCACCCAACCTGCTACGGTCCATGGAGCTGGAGTCAGTGGGAATGGGTGGCGCG GCGGCGTTCCGGGAAGTTCGGGTGCAGTCGGTGGTGGTGGAGTTTCTGCTCACCCATGTGGACGTCCTGT TCAGCGACACCTTCACCTCCGCCGGCCTCGACCCTGCAGGCCGCTGCCTGCTCCCCAGGCCCAAGTCCCT TGCGGGCAGCTGCCCCTCCACCCGCCTGCTGACGCTGGAGGAAGCCCAGGCACGCACCCAGGGCCGGCTG GGGACGCCCACGGAGCCCACAACTCCCAAGGCCCCGGCCTCACCTGCGGAAAGGAGGAAAGGGGAGAGAG GGGAGAAGCAGCGGAAGCCAGGGGGCAGCAGCTGGAAGACGTTCTTTGCACTGGGCCGGGGCCCCAGTGT CCCTCGAAAGAAGCCCCTGCCCTGGCTGGGGGGCACCCGTGCCCCACCGCAGCCTTCAGGCAGCAGACCC GACACCGTCACACTGAGATCTGCCAAGAGCGAGGAGTCTCTGTCATCGCAGGCCAGCGGGGCTGGCCTCC

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

AGAGGCTGCACAGGCTGCGGCGACCCCACTCCAGCAGCGACGCTTTCCCTGTGGGCCCAGCACCTGCTGG
CTCCTGCGAGAGCCTGTCCTCGTCCTCCTCCTCCGAGTCCTCCTCCTCTGAGTCCTCCTCTTCCTCCTCT
GAGTCCTCAGCAGCTGGGCTGGGGGCACTCTCTGGGTCTCCCTCACACCGTACCTCAGCCTGGCTAGATG
ATGGTGATGAGCTGGACTTCAGCCCACCCCGCTGCCTGGAGGGACTCCGGGGGCTGGACTTTGATCCCTT
AACCTTCCGCTGCAGCAGCCCCACCCCAGGGGATCCCGCACCTCCCGCCAGCCCAGCACCCCCCGCCCCT
GCCTCTGCCTTCCCACCCAGGGTGACCCCCCAGGCCATCTCGCCCCGGGGGCCCACCAGCCCCGCCTCGC
CTGCTGCCCTAGACATCTCAGAGCCCCTGGCTGTATCAGTGCCACCCGCTGTCCTAGAACTGCTGGGGGC
TGGGGGAGCACCTGCCTCAGCCACCCCAACACCAGCTCTCAGCCCCGGCCGGAGCCTGCGCCCCCATCTC
ATACCCCTGCTGCTGCGAGGAGCCGAGGCCCCGCTGACTGACGCCTGCCAGCAGGAGATGTGCAGCAAGC
TCCGGGGAGCCCAGGGCCCACTCGGTCCTGATATGGAGTCACCACTGCCACCCCCTCCCCTGTCTCTCCT
GCGCCCTGGGGGTGCCCCACCCCCGCCCCCTAAGAACCCAGCACGCCTCATGGCCCTGGCCCTGGCTGAG
CGGGCTCAGCAGGTGGCCGAGCAACAGAGCCAGCAGGAGTGTGGGGGCACCCCACCTGCTTCCCAATCCC
CCTTCCACCGCTCGCTGTCTCTGGAGGTGGGCGGGGAGCCCCTGGGGACCTCAGGGAGTGGGCCACCTCC
CAACTCCCTAGCACACCCGGGTGCCTGGGTCCCGGGACCCCCACCCTACTTACCAAGGCAACAAAGTGAT
GGGAGCCTGCTGAGGAGCCAGCGGCCCATGGGGACCTCAAGGAGGGGACTCCGAGGCCCTGCCCAGGTTC
CTACCCCCGGCTTCTTCTCCCCAGCCCCCAGGGAGTGCCTGCCACCCTTCCTCGGGGTCCCCAAGCCAGG
CTTGTACCCCCTGGGCCCCCCATCCTTCCAGCCCAGTTCCCCAGCCCCAGTCTGGAGGAGCTCTCTGGGC
CCCCCTGCACCACTCGACAGGGGAGAGAACCTGTACTATGAGATCGGGGCAAGTGAGGGGTCCCCCTATT
CTGGCCCCACCCGCTCCTGGAGTCCCTTTCGCTCCATGCCCCCCGACAGGCTCAATGCCTCCTACGGCAT
GCTTGGCCAATCACCCCCACTCCACAGGTCCCCCGACTTCCTGCTCAGCTACCCGCCAGCCCCCTCCTGC
TTTCCCCCTGACCACCTTGGCTACTCAGCCCCCCAGCACCCTGCTCGGCGCCCTACACCGCCTGAGCCCC
TCTACGTCAACCTAGCTCTAGGGCCCAGGGGTCCCTCACCTGCCTCTTCCTCCTCCTCTTCCCCTCCTGC
CCACCCCCGAAGCCGTTCAGATCCCGGTCCCCCAGTCCCCCGCCTTCCCCAGAAACAACGGGCACCCTGG
GGACCCCGTACCCCTCATAGGGTGCCGGGTCCCTGGGGCCCTCCTGAGCCTCTCCTGCTCTACAGGGCAG
CCCCGCCAGCCTACGGAAGGGGGGGCGAGCTCCACCGAGGGTCCTTGTACAGAAATGGAGGGCAAAGAGG
GGAGGGGGCTGGTCCCCCACCCCCTTACCCCACTCCCAGCTGGTCCCTCCACTCTGAGGGCCAGACCCGA
AGCTACTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230655 representing NM_001172630
Red=Cloning site Green=Tags(s)

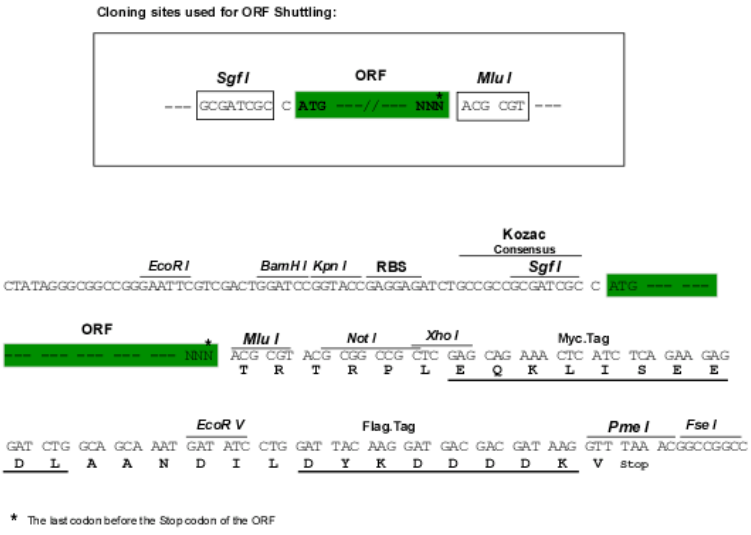
MLVPLLLQYLETLSGLVDSNLNCGPVLTWMELDNHGRRLLLSEEASLNIPAVAAAHVIKRYTAQAPDELS
FEVGDIVSVIDMPPTEDRSWWRGKRGFQVGFFPSECVELFTERPGPGLKADADGPPCGIPAPQGISSLTS
AVPRPRGKLAGLLRTFMRSRPSRQRLRQRGILRQRVFGCDLGEHLSNSGQDVPQVLRCCSEFIEAHGVVD
GIYRLSGVSSNIQRLRHEFDSERIPELSGPAFLQDIHSVSSLCKLYFRELPNPLLTYQLYGKFSEAMSVP
GEEERLVRVHDVIQQLPPPHYRTLEYLLRHLARMARHSANTSMHARNLAIVWAPNLLRSMELESVGMGGA
AAFREVRVQSVVVEFLLTHVDVLFSDTFTSAGLDPAGRCLLPRPKSLAGSCPSTRLLTLEEAQARTQGRL
GTPTEPTTPKAPASPAERRKGERGEKQRKPGGSSWKTFFALGRGPSVPRKKPLPWLGGTRAPPQPSGSRP
DTVTLRSAKSEESLSSQASGAGLQRLHRLRRPHSSSDAFPVGPAPAGSCESLSSSSSSESSSSESSSSSS
ESSAAGLGALSGSPSHRTSAWLDDGDELDFSPPRCLEGLRGLDFDPLTFRCSSPTPGDPAPPASPAPPAP
ASAFPPRVTPQAISPRGPTSPASPAALDISEPLAVSVPPAVLELLGAGGAPASATPTPALSPGRSLRPHL
IPLLLRGAEAPLTDACQQEMCSKLRGAQGPLGPDMESPLPPPPLSLLRPGGAPPPPPKNPARLMALALAE
RAQQVAEQQSQQECGGTPPASQSPFHRSLSLEVGGEPLGTSGSGPPPNSLAHPGAWVPGPPPYLPRQQSD
GSLLRSQRPMGTSRRGLRGPAQVPTPGFFSPAPRECLPPFLGVPKPGLYPLGPPSFQPSSPAPVWRSSLG
PPAPLDRGENLYYEIGASEGSPYSGPTRSWSPFRSMPPDRLNASYGMLGQSPPLHRSPDFLLSYPPAPSC
FPPDHLGYSAPQHPARRPTPPEPLYVNLALGPRGPSPASSSSSSPPAHPRSRSDPGPPVPRLPQKQRAPW
GPRTPHRVPGPWGPPEPLLLYRAAPPAYGRGGELHRGSLYRNGGQRGEGAGPPPPYPTPSWSLHSEGQTR
SYC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

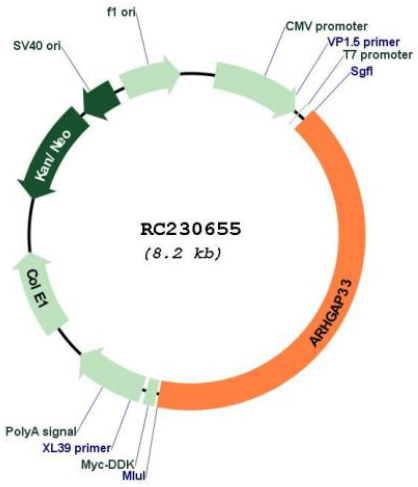
Restriction Sites: SgfI-MluI

Cloning Scheme:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Plasmid Map:



ACCN:	NM_001172630
ORF Size:	3369 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.
RefSeq:	NM_001172630.2
RefSeq ORF:	3372 bp
Locus ID:	115703
UniProt ID:	O14559
Cytogenetics:	19q13.12
MW:	120.2 kDa

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US