

Product datasheet for **MC229550**

Arhgap33 (NM_001289682) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap33 (NM_001289682) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap33
Synonyms:	AW324378; NOMA-GAP; Snx26; TCGAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229550 representing NM_001289682 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCCAGGCACAGAAACAGTCAGATCCCATCCTGCCTTGGGGAGCTTCATGGGCTGGCAGGGGACAGA
CTCTGAGGGCCCCGAGCACTGACAGCCTGGATGGCCAGGGGAGGGCTCAGTGCAGCCCGTACCCACTAC
TGGGGGGCCGGTACAAAGGGGAAGCCTGGGAAGAGGCTCTCAGCTCCTCGAGGCCCTTCCCCCGGCTG
GCTGACTGTGCCATTTCCACTATGAGAATGTTGACTTTGGCCACATTCAGCTCCTGCTGTCTCCAGAGC
GTGAGGGCCCCAGCCTCTCTGGAGAAAATGAGCTGGTCTTTGGGGTACAGGTGACCTGTCCAGGGCCGCTC
CTGGCCAGTCTCCGGAGCTATGACGATTTCCGTTCTCTGGATGCCATCTCCACCGGTGCATATTTGAC
CGGAGATTTTCTGCCTCCAGAGCTCCCTCCACCTCCAGAGGGTACCAGGGCTGCCAGATGCTGGTAC
CGCTGCTGCTGCAGTACCTGGAGACCCTGTCCAGGACTGGTGGACAGTAACCTCAACTGTGGACCTGTGCT
CACTTGGATGGAGCTGGACAACCATGGCCGGCGCCTGCTCCTCAGTGAGGAAGCCTCCCTCAATATCCCT
GCTGTGGCTGTGCCACGTGGTCAAGCGGTACACTGCCAGGCGCCAGATGAGCTGTCTTTGAGGTGG
GAGACATTGTCTCAGTGATCGACATGCCACCTACAGAGGATCGGAGCTGGTGGCGGGGCAAACGGGGCTT
CCAGGTTGGTTTCTTCCCAAGTGAAGTGTGTGGAAGTCTTACGGAGAGGCCAGGGCCTGGCCTAAAGGCA
GATGCTGACAGTCCCCTGTGTGGCATCCCAGCTCCCAGGGCATCTTCTGACCTCAGCTGTGCCCC
GGCCACGTGGGAAGCTGGCAGGACTCCTCCGACCTTCATGCGCTCTCGTCTTCTCGCCAGCGGCTGCG
CCAACGGGAATCCTGCGGCAGAGGGTGTGGTGTGATCTTGAGAGCACCTCAGCAACTCAGGCCAA
GACGTGCCCAAGTGTGCGCTGCTGCTGAGTTTATTGAGGCCATGGTGTGGTGGATGGAATCTACA
GGCTCTTGGCGTGTCTCCAACATCCAGAGGCTTCGGCATGAGTTTGATAGTGAGAGGATCCCTGAGCT
GTCTGGCCCCGCCTTCTACAAGATATCCACAGTGTGCTCCTCCCTGCAAGCTCTACTTCCGGAACTG
CCCAACCCTTGCTCACCTACCAGCTCTATGGGAAGTTCAGTGAGGCTATGTCAGTGCCTGGGGAGGAAG
AACGCCTAGTGCAGTGCATGACGTATCCAGCAGCTGCCTCCACCACACTACAGGACCTGGAGTACCT
GCTGAGGCACCTGGCCCGCATGGCAAGACACAGCGCTAACACCAGCATGCATGCCCGCAACTGGCCATT



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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_001289682.1</u> , <u>NP_001276611.1</u>
RefSeq Size:	4439 bp
RefSeq ORF:	3918 bp
Locus ID:	233071
UniProt ID:	<u>Q80YF9</u>
Cytogenetics:	7 B1
Gene Summary:	<p>May be involved in several stages of intracellular trafficking (By similarity). Could play an important role in the regulation of glucose transport by insulin. May act as a downstream effector of RHOQ/TC10 in the regulation of insulin-stimulated glucose transport. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode isoform a.</p>