

Product datasheet for **MC220940**

Arhgap28 (BC066788) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap28 (BC066788) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap28
Synonyms:	AU044757; AW550892; E130310N06
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC066788
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGTGGAGGACTCGGGCGCGTGGTGTGACCCGCTACCACTCGCACGCGCGCTCGCAACCCGAGG
 GCGCTGAGCCACGCTGCGCGTCCCGGGCCAGCCATCCGCTCAGCAGAAAAATCCATTCTCGCTGCCGACG
 AATCAACAGGATGCTCTCCAATGAATCCCTGCATCCTCCCTCCTTTAGTCGCTCCAACTCTCAAGCCTCA
 GTAGACAGCAGCGCATCCATGGAGGAGTTCCTGCGGAAATTTGAGAGTATCAAAGAGAGCAGCGTGGGGG
 CGTCGCAGGAGCAGCCACCCACTGCTGCTGCTGCTGCTGAAGTCAAGCCAGTGGATGAAGGAGAGCT
 TGAAGCGGAGTGGCTACAAGATGTGGGATTGTCAACTCTGATCTGGCAACGAAGGAAGACGGTAA
 GCGCTCTGTCTACATTGACTCGGACCCAAGCTGCTGCAGTAAAAAGAGATAACAACATATACTCAGA
 CTCTGAGGAAAAAGAATAAACAACCCGTCAGGGATGTCAGAGACATCTTCGGAGTCAGCGAATCTCTCC
 TAGTGATTCTTGTGAGCATGCTACTCAGTTGGACGGTACCAAGGAAGAAAAAGATCTGCCAGGAGTTACC
 AAGACAAGCAGACCTCTGCCAGACGATGCTTCTCTCAGTGTACCAACCCATCCAAATGGCGCCAGGATG
 AAGAAGGTGGTTTTGTGGCCCTACAGAGTGGTTCTGTGTCAATACTTGAGGCTATCCCGGATATTGCTGT
 TCGCACCAATGGATCTGCAGATGCTGAGCAGTCGGTTCAGAGCACATTGAGTGTGATGATTATCACGGG
 AAGAAGCTTCCAGCAGAGGCTGAAGAGCTGTCTTTGAGGTCTTTACTCAGAAATGGTGACAGAAATGC
 CTGATAGAAATAAATGGAAGAAGTCGGACATTAAGAAAGAAGACTATGTCTTAACTAAATTTATCATTCA
 GAAAACAAGATTTGGGTTGGCCGAGACGGGGACCTGTCTGTGGAAGACATGAAGAAAATCCGCCACCTC
 TCTCTGATTGAGCTGACAGCCTTCTTCGATACTTTTGGGATACTGAAGAGAAAACAAAACCGAGCGAG
 TGAGAGGCCGAGACAACGGGATTTTCGGAGTGCCACTTACAGTCTCTGGACAATGACCCGAAGAAGGA
 CCCTGCAGTAAAAGTCCCTGGTGTACAAAAATTTTTTCAGAAAGTCGAGGAATCAGGTCTGGAATCG
 GAAGGAATTTTTCGACTCTCGGGATGTACTGCCAAAGTCAAGCAGTACCGCAAGAACTGGATGCCAGGT
 TCAATGCTGACAAGTTCAAGTGGGACAAGATGTGTACAGAGAAGCTGCGGTCTGTTGAAAGCATTCTT
 CAGAGAGCTGCCACCTCTCTTCCCTGTTGAATATATACCCGCTTCTCTCTGATGGAAAGAGGA
 CCTGACATCAAAGTGCAGTTTCAAGCCTTGACCTCATGGTCTGCGCCCTGCCTGATGCCAACAGGGACA
 CAGCGCAGGCTCTGATGGCATTCTTCAATAAAGTATCGCCAACGAATCCAAGAACCGCATGAACCTGTG
 GAACATTTCCACAGTGTGGCGCCCACTTGTCTTTCAGCAGAAGCAAGCACTCTGACTGCGAGGAACTG
 CTGCTGGCCAACACGGCGACCCACATCATCCGCTGATGCTGAAGTACCAGAAGATCTGTGGAAGGTTT
 CATCTTTCTTGATCACCCAGGTCAGAAGGATGAATGAGGCCACCATGCTGTTGAAGAAGCAGCTCCCGAG
 TATGAAGAAGCTGCTCAGGAGGAAGACCCTGGATCGAGAGGTTTCAATCCTCAAGACCTCAAGGTACCA
 CAAAAATCACCTTCTCAAGAAGATGTCTGATGTGCCAGAAGGTGTATAAGGGTCCACGCTCCACTTC
 TGTCCAAAGTGTCCATGGCCATTGAGCTCAACAGTCAACAGTCAACAGTCAACAGTCAACAGTCAACAGT
 GTATAAGAACCCTAGCAACCAACATGTACTCGGGGGTTTCTGTGTGTCCTGTGCTTGACCGGTTT
 CTAGATTGCCAGTGGCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC066788

Insert Size: 2124 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:	<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>BC066788</u> , <u>AAH66788</u>
RefSeq Size:	3710 bp
RefSeq ORF:	2123 bp
Locus ID:	268970
Cytogenetics:	17 E1.1-E1.2
Gene Summary:	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.[UniProtKB/Swiss-Prot Function]