

Product datasheet for MC211080

Arhgap27 (NM_183288) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap27 (NM_183288) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap27
Synonyms:	2310069I04Rik; 5730442P18Rik; Gm21552; Sh3d20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211080 representing NM_183288 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGCGGCGGACGTCGAGGGGGACGTGTACGTGCTGGTGGAAACACCCCTTCGAGTACACCGCAAAGACGGCGCCGATCGCCATCCAACCGAACGAGCGTTACCGACTGCTGCGCCGAGCACCAGCACTGGTGGCACGTGCGGGGAGCCCGGGGTCGCCCCCTTCTACCTCCCCGCGCAGTACGTACGCGAGCTGCCCGCGCTGGCGACCCTGCCCGGCCCGCAGCCTTCGTACCGCAGCAGCGCCCCGAGTCCCGAACCTCTGGCCTACGACTACCGCTTCGTGAGCACCCGGTGGCGCCGATGGTCCCTGCGGAGCCCGGGGCGCGCCAGCTCCCTGTGTGGCCCTGCACGACAGCGCACCGGTGGCCAGCGCAACAGCCTGGCTCCGGGAGGGCCCGCCGCGCCCTGCGGCCCTCCTCGGCAGCGCGGCCACTTCAAGGCCCTCCAGCGTGGCGGGCTCCTGGTTGTCCCCGGCCCTGGCGCCTAGCGACTCGGAGAATGTCTACGAGGCCATTCCGGACTTGCCTGCCCTCCGCGGGCAGAGACCCAAAGCAGGTAGGTGCTGCGAGCGAGGGGGCCGGAGGGAGTCCAGTCCAGCAGAGTCTAGATGCTTTTTTTTTTTAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_183288
Insert Size:	732 bp



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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:	NM_183288.3 , NP_899111.2
RefSeq Size:	2099 bp
RefSeq ORF:	732 bp
Locus ID:	544817
Cytogenetics:	11 E1
Gene Summary:	<p>Rho GTPase-activating protein which may be involved in clathrin-mediated endocytosis. GTPase activators for the Rho-type GTPases act by converting them to an inactive GDP-bound state. Has activity toward CDC42 and RAC1 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks several 3' exons and contains an alternate 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is significantly shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. CCDS Note: This CCDS represents a short variant at the 5' end of a much longer Arhgap27 gene. The protein includes an SH3 domain.</p>