

## Product datasheet for **MC220121**

### Arhgap25 (NM\_001037727) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgap25 (NM_001037727) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgap25
Synonyms:	A130039I20Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC220121 representing NM\_001037727  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCTCAAGCTGCCAAGGAAGTGGGATTTCAATTTGAAAGCGGAGGCTTCAAAAATAGCTCGGTGCGA  
 GGAGTGTGATGACCGGGAGCAGATGGCGGCCTTTCACCCACCCACCACTCCCAACCCCTGAAAAGGCC  
 AATTAAGGTGGGCTGGCTGAAGAAGCAGAGTCCATCGTAAAAACTGGCAGCAGCGTACTTTGTGTTG  
 AGAGCTCAGCAACTCTACTACTACAAGGACGAAGAGGACTCAAAGCCACAGGGCTGCATGTATCTGCCAG  
 GCAGTACAGTCAAAGAAATTGCCACAAACCCGAAGAAGCTGGGAAATTTGTCTTTGAAGTTATTCCAGC  
 CTCAAGTGACCAGAACCATTGGACAAGACTCTACGTCCTCATGGCCAGCTCCAGGTAGAGATGGAG  
 GAGTGGGTTAAGTTCCTCAGGAGAGTTGCTGGCACGCCCTCTGGAGCGGTGTTTGGCCAGCGTCTGGATG  
 AGACTGTGGCCTATGAGCAGAAGTTTGGCCCTCACCTGGTGCCCATCTTGGTGGAGAAGTGCCTGAGTT  
 CATCCTGGAACATGGTGTGAGTGAAGAGGGCATCTTCCGCTGCCCGGGCAGGACAACCTTGTGAAGCAG  
 CTGAGAGATGCTTTCGATGCGGGGGAGCGGCCCTCTTTGACAGGGACACAGATGTGCACACGGTGGCAT  
 CTCTACTAAAGCTCTACCTCCGAGACTGCCAGAGCCTGTGGTTCCTTGGAGTCAGTATGAAGGGTTCCT  
 GCTCTGTGGGAGCTCATGAACGCAGATGAGGCAAAGGCTCAGCAGGAGTTGGTGAAGCAGCTTTCTACC  
 CTTCCCGAGACAACATAACCTCTGAGCTACATCTGCAGATTTCTGCATGAAATCCAGCTGAAGTGTG  
 CCGTCAACAAGATGAGCGTGGACAACCTGGCCACTGTGATCGGGGTGAACCTCATCAGGTGGAAGTTGA  
 AGACCCAGCTGTGATTATGAGAGGGACTCCTCAGATCCAAAGAGTGATGACCATGATGATCAGAGACCAC  
 GAAGTCTCTTCCCAAGTCTAAGGATGCACCGATCTCACCCCTGCCAGAAAAACGATGCCAAGAAGG  
 CTCCAGTGCCCGAAGCTCTGTGGGTGGGATGCCACGGAAGACCCACCCCTTTCTAGGACAGACAGCTT  
 CAGTAACACAGCAAGTAGTCTGATGCCACCAGTCCCACTGGACCACTGCCAGTACCAGCATCAGGAA  
 GACAGCGGAAAAGCCCCAGGAAAACCCAGGAGACTGGAAGATGCAATCCCGTAAAAGGACTCAAACGC  
 TTCCCAACCGGAAGTGTTCCTGACGTCCGACTTCCAAGGCACCACCAGCAGTAAACTGGAAATCTTTAA  
 AAATGAGTTCTGGTCTCCATCTTCAGAGGCTAAGGCAGGAGAAGGGCACAGGCGAACTATGTCCCAAGAC  
 TTGCGCCACCTTCCAATGACCAGCGGACTTCTACCTACGATAATGTCCCACTCACCACAGTCCCAAG  
 GGAACCCAGCAGGTGCACTCTCTCCCTGCCAGTGACTCCAAGAGAGATGCTCTTGTAGCACAGACTC  
 TGAATGGAGGCTGGAAGCAAGAACTCTGGCGAGGATGACCTTGATTCTCTGCAGAGGACAGTCCAGAGC  
 CTACAGAAGGAAATAGAAACCCAGAAGCAGGTCTATGAGGAACAGATTAACCTGGAGAGGAAATTT  
 ACGATGTCTGGGTAAGGTGGTGAAGGCTCAATGAAGAAGTTCGAGAGGGAGAGGAAGAAATTCGCGGCCCT  
 GGAATACGCTTCGAAATGTGGAGCGCTCCCGGGAGGACGTTGAGAAGGGAACAGAGTCTTGGAGAA  
 GAAGTCAAGGAGTTTGTGAAGTCGATGGAGAAGCCCAAGACAAAGACGGATCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001037727

**Insert Size:** 1947 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:**

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\\_001037727.2](#), [NP\\_001032816.1](#)

**RefSeq Size:** 3695 bp

**RefSeq ORF:** 1947 bp

**Locus ID:** 232201

**UniProt ID:** [Q8BYW1](#)

**Cytogenetics:** 6 D1

**Gene Summary:** GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).