

## Product datasheet for MR215805

### Arhgap21 (NM\_001128084) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Arhgap21 (NM\_001128084) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Arhgap21  
**Synonyms:** 5530401C11Rik; AA416458; ARHGAP10  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR215805 representing NM\_001128084  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGGCCACACATTGGACTGGTCTGCCTGAGGAAGATGGTGACAACTCAAGGCCTGTGGGGCGGCCT  
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GTTAGCTTCAATAATCATAGAACTCGTTCGTGGGATTACATAGAGGGACAGACGGAAGCCACAGCCACTG  
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**Protein Sequence:**

>MR215805 representing NM\_001128084  
 Red=Cloning site Green=Tags(s)

MMATHWTGLPEEDGDKLKACGAASACEVSKNKDGKQGEVPSSEDEPFVSWPGPKTVMLKRTSQFGFTL  
 RHFIVYPPESAIQFSYKDEENGRGGKQRNLEPMDTIFVKQVKEGGPAFEAGLCTGDRIKVNESVIG  
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 DSVFFKENTE  
 QSHSEIK  
 EESKRESE  
 TSG SKQ  
 RVVVA  
 KESNTK  
 KDSGTT  
 KEEKKIP  
 WPEESP  
 PPHSSK  
 RNRSP  
 TSCRL  
 AMLKE  
 GPRSL  
 LTKPH  
 CEETG  
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 AIE SKG  
 DEADDER  
 SELVSE  
 GRPVET  
 DSESE  
 FVFP  
 TTLTSD  
 RLF  
 FRGK  
 FQEV  
 ARVSR  
 RNSE  
 GSEAS  
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 SLTP  
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 QFSSH  
 RLIE  
 CDTL  
 SRKKS  
 ARFK  
 SDSG  
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 TRTE  
 KETP  
 ALAK  
 MFDV  
 MKK  
 KGK  
 STG  
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 EATW  
 KTKI  
 ADRL  
 KLR  
 PRAP  
 ADDM  
 FGV  
 GNQ  
 KPT  
 AETA  
 KRKN  
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 GGHR  
 DATE  
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 HE Q  
 SADK  
 ESEL  
 SAV  
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 KPK  
 CSA  
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 SIDS  
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 ERV  
 RTS  
 ASD  
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 SVL  
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 SQ Q  
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 HPH  
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 SES  
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 TKA  
 ET  
 P

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9102\\_c12.zip](https://cdn.origene.com/chromatograms/mm9102_c12.zip)

**Restriction Sites:**

Sgfl-Mlul

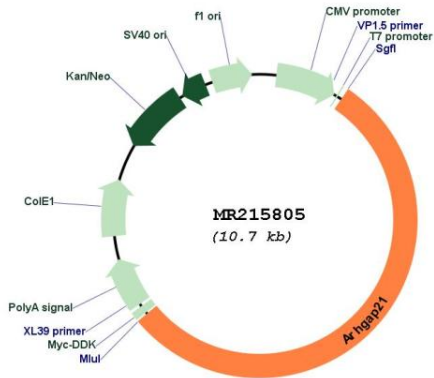


**Cytogenetics:** 2 A3

**MW:** 217 kDa

**Gene Summary:** Functions as a GTPase-activating protein (GAP) for RHOA and CDC42. Downstream partner of ARF1 which may control Golgi apparatus structure and function. Also required for CTNNA1 recruitment to adherens junctions (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR215805