

Product datasheet for **RG203600**

ARF6 (NM_001663) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: ARF6 (NM_001663) Human Tagged ORF Clone
 Tag: TurboGFP
 Symbol: ARF6
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >RG203600 representing NM_001663
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGAAGGTGCTATCCAAAATCTTCGGGAACAAGGAAATGCGGATCCTCATGTTGGGCCTGGACGCGG
 CCGGAAGACAACAATCCTGTACAAGTTGAAGCTGGGCCAGTCCGGTGACCACCATCCACTGTGGGTTT
 CAACGTGGAGACGGTGACTTACAAAAATGTCAAGTTCAACGTATGGGATGTGGCGGCCAGGACAAGATC
 CGGCCGCTCTGGCGGCATTACTACACTGGGACCCAAGGTCTCATCTTCGTAGTGGACTGCGCCGACCCGG
 ACCGCATCGATGAGGCTCGCCAGGAGCTGCACCCGATTATCAATGACCGGAGATGAGGACGCCATAAT
 CCTCATCTTCGCCAACAAAGCAGGACCTGCCCGATGCCATGAAACCCACGAGATCCAGGAGAAACTGGGC
 CTGACCCGGATTGCGGACAGGAAGTGTATGTGCACCCCTCCTGTGCCACCTCAGGGGACGGACTCTATG
 AGGGGCTCACATGGTTAACCTCTAACTACAAATCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203600 representing NM_001663
 Red=Cloning site Green=Tags(s)

MGKVLKIFGNKEMRILMLGLDAAGKTTILYKLLKLGQSVTTIPTVGFNVETVITYKNVFNVDVGGQDKI
 RPLWRHYTGTQGLIFVVDCAADRDRIDEARQELHRIINDREMRDAIILIFANKQDLPDAMPHEIQEKLK
 LTRIRDRNWYVQPSCATSGDGLYEGLTWLTSNYKS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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_001663.4](#)

RefSeq Size: 1806 bp

RefSeq ORF: 528 bp

Locus ID: 382

UniProt ID: [P62330](#)

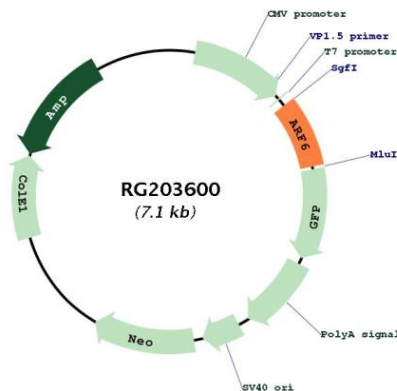
Cytogenetics: 14q21.3

Domains: RAB, SAR, ARF, arf

Protein Pathways: Endocytosis, Fc gamma R-mediated phagocytosis

Gene Summary: This gene encodes a member of the human ARF gene family, which is part of the RAS superfamily. The ARF genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG203600