

Product datasheet for **MG213765**

Arf5 (NM_007480) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Arf5 (NM_007480) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Arf5
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG213765 representing NM_007480
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCCTCACGGTGTCCGCGCTCTTTTCGCGGATCTTCGGGAAGAAGCAGATGCGGATCCTTATGGTTG
 GCTTGGATGCGGCTGGCAAGACTACCATCCTGTACAACTGAAGTTGGGGGAGATTGTCACCACCATCCC
 CACTATAGGCTTCAATGTGGAACAGTGAATATAAGAACATCTGTTTCACAGTGTGGGATGTTGGAGGC
 CAGGATAAGATTCGGCCTCTGTGGCGGCACTACTCCAGAACACTCAGGGCCTCATCTTTGTGGTAGACA
 GCAACGACCGGGAGCGGGTCCAGGAGTCTGCTGATGAATCCAGAAGATGCTGCAGGAGGATGAGCTCCG
 GGATGCGGTGCTGCTGGTGTGTTGCCAACAAAGCAGGACATGCCCAATGCCATGCCCGTGAGCGAGCTGACT
 GACAAGCTGGGCCTTCAGCACCTGCGTAGCCGCACGTGGTACGTCCAGGCCACCTGTGCCACCAAGGCA
 CAGGCCTGTATGATGGGCTGGACTGGCTGTCCCACGAGCTGTCAAAGCGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG213765 representing NM_007480
 Red=Cloning site Green=Tags(s)

MGLTVSALFSRIFGKKQMRILMVGLDAAGKTTILYKLLKLGIVTTIPTIGFNVETVEYKNICFTVWDVGG
 QDKIRPLWRHYFQNTQGLIFVVDSDNRERVQESADELQKMLQEDELRDVLLVFANKQDMPNAMPVSELT
 DKLGLQLHRSRTWYVQATCATQGTGLYDGLDWSHEL SKR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_007480

ORF Size: 540 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_007480.2](#)

RefSeq Size: 933 bp

RefSeq ORF: 543 bp

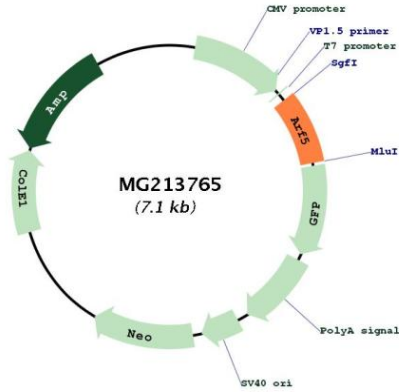
Locus ID: 11844

UniProt ID: [P84084](#)

Cytogenetics: 6 A3.3

Gene Summary: GTP-binding protein involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG213765