

## Product datasheet for MR202223

### Rab6a (NM\_001163663) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rab6a (NM\_001163663) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rab6a  
**Synonyms:** 2610028L11Rik; AA419671; Rab6  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR202223 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGTCGCGGGCGGAGACTTCGGGAATCCGCTGAGGAAATCAAGCTGGTGTTCCTGGGAGAGCAGAGCG  
 TTGAAAGACGTCCTTGATCACCCGATTCATGTATGACAGTTTTGACAACACCTATCAGGCAACAATTGG  
 CATTGACTTCTTATCAAAAACAATGTACTTGGAGGATAGAACCATCAGGCTGCAGCTGTGGGATACTGCC  
 GGTCAGGAACGTTCCGTAGCCTCATTCCAGTTACATCCGTGACTCTGCTGCAGCCGTAGTAGTTTACG  
 ATATCACAAATGTTAACTCATTCCAGCAAACACAAAATGGATTGATGATGTCAGAACAGAGAGAGGAAG  
 TGATGTCATCATGCTAGTAGGAAATAAACAGATCTTGCTGATAAGAGGCAAGTGTCATTGAGGAG  
 GGAGAGAGGAAAGCCAAAGAGCTGAATGTTATGTTTATTGAAACAGTGCAAAAGCAGGATACAATGTAA  
 AGCAGCTTTTCCGGCGTGTGCTGCAGCTTTACCTGGAATGAAAAGCACACAGGACAGAAGCAGAGAAGA  
 CATGATTGACATAAACTGGAAAAGCCTCAGGAGCAACCAGTCAATGAAGGCGGCTGTTCCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR202223 protein sequence  
 Red=Cloning site Green=Tags(s)

MSAGGDFGNPLRKFVFLGQSVGKTSLITRFMYDSFDNTYQATIGIDFLSKTMYLEDRTIRLQLWDTA  
 GQERFRSLIPSYIRDSAAAVVVDITNVNSFQTTKWIDDVTERGSDVIIMLVGNKTDLADKRQVSIIE  
 GERKAKELNVMFIETSAKAGYNVKQLFRRVAAALPGMESTQDRSREDMIDIKLEKPEQPVNEGSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



[View online »](#)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001163663

**ORF Size:** 627 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001163663.1](#), [NP\\_001157135.1](#)

**RefSeq Size:** 3243 bp

**RefSeq ORF:** 627 bp

Locus ID: 19346

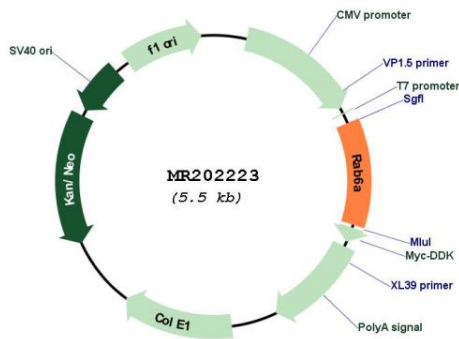
UniProt ID: [P35279](#)

Cytogenetics: 7 E2

MW: 23.5 kDa

Gene Summary: Protein transport. Regulator of membrane traffic from the Golgi apparatus towards the endoplasmic reticulum (ER). Involved in COPI-independent retrograde transport from the Golgi to the ER (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR202223