

Product datasheet for **MC206851**

Rab6a (NM_001163663) Mouse Untagged Clone

Product data:

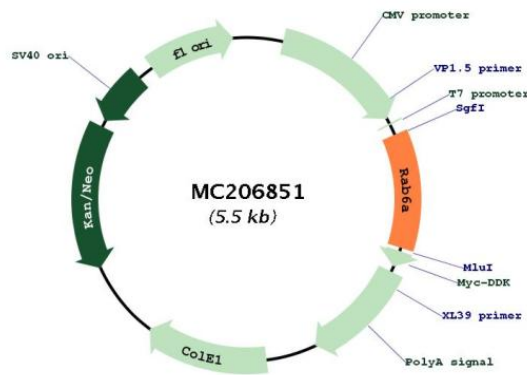
Product Type:	Expression Plasmids
Product Name:	Rab6a (NM_001163663) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab6a
Synonyms:	2610028L11Rik; AA419671; Rab6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206851 representing NM_001163663. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCGCGGGCGGAGACTTCGGGAATCCGCTGAGGAAATCAAGCTGGTGTTCCTGGGAGAGCAGAGC
GTTGGAAGACGTCCTTGATCACCCGATTCATGTATGACAGTTTTGACAACACCTATCAGGCAACAATT
GGCATTGACTTCTTATCAAAAACAATGTACTTGGAGGATAGAACCATCAGGCTGCAGCTGTGGGATACT
GCGGGTCAGGAACGTTCCGTAGCCTCATTCCCAGTTACATCCGTGACTCTGCTGCAGCCGTAGTAGTT
TACGATATCACAATGTTAACTCATTCCAGCAAACACTACAAAATGGATTGATGATGTCAGAACAGAGAGA
GGAAGTGTATCATCATCATGCTAGTAGGAAATAAACAGATCTTGCTGATAAGAGGCAAGTGTCAATT
GAGGAGGGAGAGAGGAAAGCCAAAGAGCTGAATGTTATGTTTATTGAAACCAAGTGCAAAAGCAGGATAC
AATGTAAGCAGCTTTTCCGGCGTGTGCTGCAGCTTTACCTGGAATGAAAGCACACAGGACAGAAAGC
AGAGAAGACATGATTGACATAAACTGGAAAAGCCTCAGGAGCAACCAGTCAATGAAGGCGGCTGTTCC
TGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001163663

Insert Size: 627 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_001163663.1](#)

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]
Transcript Variant: Variants 1 and 2 include either one of two duplicated, alternatively spliced coding exons and are the same length. The resulting proteins (isoforms 1 and 2, respectively) are the same length but differ at three amino acid positions. This variant (1) encodes isoform 1.