

Product datasheet for **MC209277**

Rab6a (NM_024287) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab6a (NM_024287) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rab6a
Synonyms: 2610028L11Rik; AA419671; Rab6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209277 representing NM_024287
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCGCGGGCGGAGACTTCGGGAATCCGCTGAGGAAATCAAGCTGGTGTTCCTGGGAGAGCAGAGCG
TTGGAAAGACGTCCTTGATCACCCGATTCATGTATGACAGTTTTGACAACACCTATCAGGCAACAATTGG
CATTGACTTCTTATCAAAAACAATGTACTTGGAGGATAGAACCGTGCATTGCAATTATGGACACAGCA
GGTCAAGAGCGGTTCAAGGAGCTTGATTCCTAGCTACATTCGAGACTCCACTGTGGCAGTTGTTGTTTATG
ATATCACAAATGTTAACTCATTCCAGCAAACTACAAAATGGATTGATGATGTCAGAACAGAGAGAGGAAG
TGATGTCATCATGCTAGTAGGAAATAAACAGATCTTGCTGATAAGAGGCAAGTGTCAATTGAGGAG
GGAGAGAGGAAAGCCAAAGAGCTGAATGTTATGTTTATTGAAACCAAGTGCAAAAGCAGGATACAATGTAA
AGCAGCTTTTCCGGCGTGTGCTGCAGCTTTACCTGGAATGGAAGCACACAGGACAGAAGCAGAGAAGA
CATGATTGACATAAACTGGAAGGCTCAGGAGCAACCAGTCAATGAAGGCGGCTGTTCTCTGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024287
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:	<ol style="list-style-type: none">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_024287.4 , NP_077249.1
RefSeq Size:	3243 bp
RefSeq ORF:	627 bp
Locus ID:	19346
UniProt ID:	P35279
Cytogenetics:	7 E2
Gene Summary:	<p>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]</p> <p>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 (2) encodes isoform 2.</p>