

Product datasheet for **MC203956**

Rab30 (NM_029494) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab30 (NM_029494) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab30
Synonyms:	5033421K01Rik; AI323892; Rsb30
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC017550
 GCAGGACCAGGGCAGGGACTGACTCCAGTCTTGGACTTAGGACACCGCAGCACCTTCTCTTGCCTGCGT
 GACTCATTTCGTATATCATTTCTTTTATGCCTGGGGTGGGGAGAAAAATCCCAAACAGCTGTGTAATG
 AGTATGGAAGATTATGATTTCTGTTCAAAATTGTTTTAATTGGCAACGCTGGAGTGGGAAAGACGTGCC
 TAGTCCGAAGATTCAGTCAAGGCTTTTTCCCCCAGGTCAAGGAGCCACAATTGGAGTTGATTTTATGAT
 TAAGCAGTGGAGATTAATGGTAAAAAGTGAAGTTACAGATCTGGGACACCGCAGGTCAAGAGAGATTT
 CGCTCCATCACTCAAAGTACTATCGAAGCGCCAATGCCTTGATCCTTACCTATGACATCACCTGTGAGG
 AATCCTTCCGCTGCCTTCTGAGTGGTTGCGGGAGATAGAACAGTATGCTAGCAATAAAGTCATCACTGT
 GTTAGTAGGCAACAAGATTGACCTGGCTGAAAGGCGAGAGGTCTCCAGCAGAGAGCAGAAGAGTTCTCA
 GAGGCTCAGGACATGTATTACCTGGAGACTTCAGCCAAGGAATCCGACAATGTGGAGAACTCTTCTTG
 ACTTAGCATGCCGACTCATCAGCGAAGCAAGACAGAACACACTGGTGAACAATGTATCGTACCCTTACC
 CGGAGAGGGGAAAAGCATCAGCTATTTGACTTGTGTAATTTCAACTAAAGGCTGAGGCAAGAGAAATCA
 AAGGGAATCAGTAGTTGCCTTGGTGGCCGTACGTTGCTAGGGAATCTGGCAATGACTATGGCTCCCGCT
 CTTGGACCTTCTGACTCCTGTAGGCTCCAGAGCTTACCAAGCATGCAGGCCAAGGGCCTTACTGCAGGC
 CAGCATTAGCAGAACACATAATGGTTTCCACCTTTTGCAGTCTGGCGTTGGAGCAAGGAGAAAATTGCAC
 TAAGCGCTCCATGATCTGCAGAGCATGTTGCTTTTGTGTTTTAAAAAGCAAGTAAAAAATGCATTCTCTGA
 ACACAGAGCAGGGGATCGTGTACTGTAGGAATCCTTCTGTGTGTAGCGGGTGCATGAGGGGCTATTCTT
 TAGGCTTCAGTGGTAATCTGGTGCCATGGATTCTTACTACCAGGTAACCAAACTGAAAAGGCCAA
 GTACTGTCTGTAGTACTTATTGAGGACCCATGGAGATTTTAAAAAGTGTATTTCTTTTGTCCACAA
 GCACTTTCAAACCTTTGGGATATAAAATGGGAACTCTTCTCACGACCAACAGTAAAAATTATTGTTTA
 ACAATATATAAGCTCCATGACTCTTTTTGGTGTCTAATGATTATGCTATTTACAGACCAAACTTTTA
 GTACATTGATACCCTTAGATGTATTACCTAAAAATAAAAAAGAGAATGGGGGAAATCCATGAGTCAGCAGT
 CTTCTTCAGTCTCATTACCACCTTTCTAGGATGGGTTTGATATGAGAAGCCCTTCTTCTTTCATATTC
 TCCTTGAATTTATTAACATTCTTCTATTCTTTTACACTTATCGTGCCCTTTAGGTAATCAAAGTATTA
 AAAAAATGGGAAAAATATAAATTATGACATTCTAATAAAGAAGATTAGTTGTAGGACATGTTGAGTAGC
 ATGAGAAAAACAGAGCAGATATGACCAAAATACTGTGGACTATGGACTGACTGCAGGGCAGACTTCCAGAC
 AGAGTGCAGCTCTAACAGGTCACGCCTTTTCTTTTCGGGAACTAGCCTTGGAGAGGCCAAGGTTTAGG
 ATTTTGTAGACATTTTGTATAATAAGTGAGAATAGCAAGAGATGAAAAGTCTCACAAATCATTTTGT
 ATCTTCAATAAACTTAGGAAAGTGTCTCAGGAAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_029494

Insert Size: 612 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: [BC017550](#), [AAH17550](#)

RefSeq Size: 2007 bp

RefSeq ORF: 612 bp

Locus ID: 75985

UniProt ID: [Q923S9](#)

Cytogenetics: 7 E1

Gene Summary: The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). Required for maintaining the structural integrity of the Golgi apparatus, possibly by mediating interactions with cytoplasmic scaffolding proteins (By similarity).[UniProtKB/Swiss-Prot Function]