

Product datasheet for **MC205456**

Rab2b (NM_172601) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab2b (NM_172601) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab2b
Synonyms:	1500012D09Rik; 4930528G15Rik; A230002G14; D530043M21Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC046334
 GGCAAATAAGGAGACCCGTAGATTGAGTGGCTAGAGAGGTCGGAGGTAAGTGGCTGTAGAAATCGGGAGG
 ACCCGGAACACAGACGCCTCGGGACCATGACTTACGCTTATCTCTTCAAGTACATCATCATCGGAGACAC
 AGGTGTGGGGAAGTCAATGCTCCTCCTCAGTTTACCGACAAGCGGTTCCAGCCCGTGCACGACCTCACA
 ATAGGTGTGGAGTTTGGAGCACGTATGGTCAACATCGATGGAAAACAAATCAAATGCAAATCTGGGATA
 CGGCTGGGCAAGAGTCCCTCCGTTCTATCACCCGTTCTACTACAGGGGAGCAGCTGGAGCCCTGCTGGT
 GTATGACATCACGAGACGCGAAACCTTCAACCACCTGACCTCATGGTTAGAGGACGCCCGCCAGCACTCC
 AGTCCAACATGGTTATAATGCTGATCGGGAATAAGAGTGATCTAGAATCTCGAAGGGATGTGAAGAGAG
 AGGAAGGAGAGGCCTTTGCTCGTGAGCACGGCCTTATATTCATGGAAACATCAGCCAAGACAGCCTGCAA
 TGTTGAAGAGGCCTACATTAATACAGCCAAAGAAATATATAGGAAGATCCAGCAAGGTTTATTTGATGTC
 CACAATGAGGCAAATGGCATCAAGATTGGGCCCCAGCAGTCAATTACCTCCTCAGTAGGACCGTGTCCC
 CTCAGCAGAACGTTTCTGACATAGGGCCTGACTCTGGCTGCTGCTGAACACCGGGCCTGAGTGAGCGCTT
 TCTCTTTCTCTCGGGAGCAGCTTCAGGTGAGCCAGCGCCACGAAGGAGATCCTCGTTGCTTAGGCTGA
 GAGCAGCCTCTTTTCAAGTGTGCGATGTTTACCCTTCCACTTAAACATGAGGAGAAAATGGGCCCTTT
 CCGACCTGTCTCTTTAGGGACATGAGCATTCCGCGTAGATTATGGCTCTTTCACCTCTAGTTTCTAA
 AATGTTAGAATCAAAGTTGATTGTCACAGTAGCTAATAGGCAAACAACCTGCTGTCAACATCTATTTGCT
 AGGTGTTATGGCACAATCCATAATTTACGACTCAGGACTTTTTGGCAAAGGATTGCCAGGAGTTTGG
 AGTCAGTCTGGGCTACATAAGTTTCCCTAGGCCATCTGTCTAAAAAGCCAAAAAGAAAAGAGAGAAAGG
 AATAAATACATGTGTCTGTTCCCTACCCAAATTTTATGTTGCTAAGGTGAAGGATATTCTGATATAACATT
 TAGAATTAAGGGTCTGAGTAGCCTTTGGGTGATAGATCTATACATAGTGATTTTATTGCGTGTATTTCT
 TGCCTTGGAAACCTGTGTGCATATGATAAGAGTTCTATAGAAGCTGAGTGCCTCTGCACTGTCTCGTT
 GCCAGCTCCTTTTTATTTATTATGTGTGTACAACCTTGAGCATCATTCCCTTAGGATCCCCGCACATGGGC
 CCCACATCTAGAGTCCATGCTTAGGCAAGGCTTGTGGCCTTTTTTATTGCTAGTTCTTTTTCTTTAA
 CTACAGAACGTAGAAAGCAGTGGAGTGGGTACCGGACCTGTCGCCACACACCCTTACCTAAGAAAACATA
 AGTTGTTCAATTTTCTTAAAGGACCAGTTCTAGCATTACATTTTCTTTTACCGAATTGCTCTCTACTG
 TTACACACACACACACACACACACACACACACAGGCACACATGCGAGCCCGTGACATGCCCTGGAGA
 TTAAGCTAGGTTCTTAAACATGCTTAGGAAGTGTGAACCTGAGCTGTGCCCTCAGGAGCCTTCTCTTAC
 TTACACTTTTTGTTTACAGACAGGTTGCTGAGGCTGGCTTTGAACTTGGGATCCTGAGGCTTCACTCC
 CAGGTGGCTGTTTATTCTCTAACCAGCTCTGTTAGATATTTCTCTAATCAAGCTAATTGGTTACTGA
 AATGACATATTTATCCCAACTTCTGTACCTTTGCACAACTCTACCCTCTGACCCTCCACTACCATCATA
 CTGACACTCTTTTCTTTAGGAAACCCTCACTGACTGACCTAGGGAGCCCTACGAAGTTGTTAACACAGT
 ACTTCTTAGCATTCTAGTTATCCATATGTATATTTATTTGATGTGTTTACGTTATAAATGTTTGT
 AGTGAACCCAGGGTGGGTGAGGGGGAAGCATCTGTCTCAGATAGGCTGTAAGCTCTCTGAGAGCAGGCAC
 CTGTATCCCAGTCCATCCCACCGTTCCCTTACTGTACTCTGCAACTCACCATCTGGAATTAAGTGACAT
 GCTTTAAACTTAAGAGTTTAGAAGAAACAAAAGGCCCTTAGAGTCATCTCTATGTAATTGTATCCTGGTT
 TCCCCATCTCTTATCCTGATTTCTCATTGCTCTTCTGTCTGCTGCTCACTGTAAGTGCCTCCATTCTGTG
 CAGTCTACAGTAAGAATGCCTGCTTCCAAGACTCAGATACATAGGGACGTTTTTACCGTTCCGTAGACT
 CTGTAAGTGTGAGCCAGTTTGCCTCTGCTGACTCCTGGCATCACCTCCTGGGACACTTGGTGTCTTTT
 TACTTGTCTCATTTTCTTTCACAGCACTGAGGTCTACCAAATTTTCTAATTTTTATTGTTAATGACCGT
 TTTACTATTAATATATGCATGATCCAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_172601

Insert Size: 651 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:	<u>BC046334</u> , <u>AAH46334</u>
RefSeq Size:	2701 bp
RefSeq ORF:	651 bp
Locus ID:	76338
UniProt ID:	<u>P59279</u>
Cytogenetics:	14 C2
Gene Summary:	Required for protein transport from the endoplasmic reticulum to the Golgi complex. [UniProtKB/Swiss-Prot Function]