

## Product datasheet for **MC206225**

### **Rab3d (BC020010) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rab3d (BC020010) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab3d
Synonyms:	C130057E11Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC020010  
 CCGGATCCGGGTGTCAGTGTGGCAGCGCCGGCAGCTGTGGGGCGAGGGTCGCAGCCCTGTGCGGGGCCG  
 TAGCAACTTCGTGGGCGGATCCTGGTGTGCAAGGCGGGACCCGAGATCCCACTGAGATGGCATCCGCTAG  
 TGAGCCCCCTGCCAGCCAAAGAGACGCTGCTGACCAGAACTTTGACTACATGTTCAAAGTCTTGTATC  
 GGGAACAGCAGCGTGGGCAAGACATCCTTCTGTCCGCTATGCCGATGACTCCTTACCCTGCCTTCG  
 TGAGCACAGTGGGCATCGACTTCAAGGTCAAGACGGTCTACCGACATGACAAGAGGATCAAGCTGCAGAT  
 TTGGGACACAGCAGGCCAGGAGCTACCGGACAATCACCACGGCCTACTATCGCGGAGCTATGGGTTTC  
 CTGCTCATGTATGACATCGCCAACCAGGAGTCCTTACCACGGTGCAGGACTGGGCTACGAGATCAAAA  
 CCTATTCTGGGACAATGCCAGGTAATCCTCGTGGGAAACAAGTGTGACCTGGAAGACGAACGGTCTGT  
 ACCTGCTGAGGATGGCCGGAGGCTCGCCGATGATCTTGGTTTTGAGTTCTTTGAGCCAGCGCCAAGGAG  
 AATATCAATGTGAAGCAGGTGTTGAGCGCCTGGTGGACATCATCTGTGACAAGTGAATGAATCCCTGG  
 AACCCAGTCCAGCCAGGCAGCAATGAAAAGGCCAGCCCTGGGGATACCCACCCCAAGCCGAG  
 CAGCTGCAGCTGTAGGTTACAGCCCTTACCTCCACACCTGTCCCTTCTTGCCTTTCAAGGACAGCA  
 GCTAAGGTGTGAGCTATGGGACTGTCTCTCAGCTCAGGGACCCTTGCCTCTGGGCCACTTCCACTCC  
 TCTTGACAAGTTCATGTCCCTTCTCTCCATGTCAGAATGCTCAGACACTCCTGGTTAGAGCCACACA  
 CCCCAGGCTCTGCTCAGCATTGTCTGAGGGTGGGGTACCCACACAGGTGCTTGTCTGCCACGGCA  
 TTTTGATGGAGGTAGCTGTGGCGCATTGCCTTCCCTGAGTGAGAGAGGGGATGTTTCATGCCTTCTGCCT  
 TAGAACATTTCCAGGTCTACTCTTATATCGCTGGTGAAGTGTACCTGGCGTGGGTTGCTGTCCA  
 ACTTAGTCTGGCAGCCTCTCTATCTCAGGTCCACCAGTTGGCCTTGAACCTGCCTGTGAAGTACTG  
 CTAGCCAAAGGACACAGGCAGGGCTGCAGTCTCCATCCTCTGCCTCCCTGGCGTCTACCGAAGGGAAAGC  
 CTGTTTTCTGGTTAGGGAAGGGACAGAGTCGGAGCCACCCTGGCACCAGGAACTCTCAAAGTGCCTTC  
 CCAGTTCCTCCTGAGTCTATCCACTCAGTGTGGGTTAATCTACTCCAGAATTAATTTTGGAGTATTCC  
 AGGGCCTGTACATGGGCTGAGAATCGCCACCCTAGCAGTCCAGCTTCTGTGACTTACCTCAGAGC  
 CAGGGAACTGAGGCCACCTGCCAGGCTCCCATCTGTCTGCCTGGTGGTGGCTTAGGCAAGAGCTTTACA  
 AACCTTACATCCTGTGTAGAAACGGAAGTGGAGAAAGCAGCCACAGAGGGTGTGCCCTTCTGGTCAGT  
 TTCTTATGACAGGATTTGGGCTTCTCCACATGAGGACTCTTGTGTAGACCCAGTGTGAGCATCATGGCCG  
 TTGCCAGGGACTGGGCTGTGGGAAGGACTGGGGAAAGGCACTAGTGGCAACCCAGTCCGTCATG  
 GGAGCAGGAGTCTTCTGTGAATTAGGGATGGGCTGTGGGTTGTGACTGCTTCTTACAAAGCTTGA  
 ACGTAGCCCTAGGACCTGGGTTCTATTTCTATTCACTGACCAGACTCCCTAAACACTATCTGACATT  
 TCATGGTCCAGGTGACAGATGCTCTGTGTACACACCCCTGACTCTGTATGGGGGTGGAGTGTACTCCT  
 TCAGCCCCACAGCCAGAATCACTTCTGCAGCCTTCTGAGCTCAGCACCCCTCCCTGACTGTATATGACC  
 TACAGTGCCTGGTTCAGATGATTTCTAGCCCTGCCAGTGGCTGTCTTTGTACAGATTGGACAAGCAGAG  
 TGAAGGTGTCTAAACACTTAGAGGAAAGACTCAATTTTTTAAAATGTTGCTTTATCATTAAATAGTCAAA  
 ACGGTGCAAAATATGTTCTTAAGATTGAGCAACCTGCAGGGCGTGTGGTGGTGAATAATTTTATGCCA  
 GCATTTCTGGAGGCGGAGGAGGATCTCTGAGTTTCAGACCAGCCTGATCTACAGAGCAAGTTCAGG  
 ACAGCCAGGGCTACACAGAGAAACCTGTTTTGAAAAACAGAGAGAAGGAGAGAGAGCAAGAGAGAA  
 GATGCAGTAGTCTGGAAGGAACCTGGAAGTACTCTCTGCTAGCATTGCTACTGTTTTGCACAGGG  
 GAGGATCGGAAGTTTGGAGTCACTTTGAGTACTACCTAGGAAGTTTGGGCTAGCCTGGAGCTATAAGA  
 GGCTGACACGGGGCGGGGCGGGAGGAAGGCCTGTCAAAGACTCTATGGACCAGTCCATTCCAAGCAGA  
 GTCGTGGAGATCCTGCCGTAGTTAGCTAAGACCGGTCCTGACGTTTTGTGCAACTAAATCGCGTCTGA  
 CTGTATCTGGACTTAGTCTCGGCTTCTGTTGCTAGAAGAGGCTCCTTCACTTCTACTCTGAACACCCA  
 CAGAGGAAGCCACCCTGTGGTTTTCTTACAAGTGGGATTTGGCTGGTGGAAATGGCTCATCTGAAGACAC  
 TGCCACCAAGCCTGATGACCTGAGTTAGACCTCGGGATCCATGAGGTAGAAGAAGAGAAATGAGCCCTTT  
 AAGCCACCATCTCCCTCCAGGTGAGCAAGGGTGTGTGCACAGTCAAGTGCAGACAAAAAAAAAAAAAA A

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC020010  
**Insert Size:** 660 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC020010</a></u> , <u><a href="#">AAH20010</a></u>
<b>RefSeq Size:</b>	3081 bp
<b>RefSeq ORF:</b>	660 bp
<b>Locus ID:</b>	19340
<b>Cytogenetics:</b>	9 A3
<b>Gene Summary:</b>	Protein transport. Probably involved in vesicular traffic (By similarity). May be involved in the insulin-induced exocytosis of glut4-containing vesicles in adipocytes.[UniProtKB/Swiss-Prot Function]