

## Product datasheet for MC200413

### Rab25 (NM\_016899) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rab25 (NM_016899) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab25
Synonyms:	AV012978
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>&gt;BC006624 sequence for NM_016899</p> <pre> GGCTAAACGTGCCAGAGCTGAGCCTCTGGGGCTCTTCCTGGCCTCAACTGAGCCCTTTGTCCTTTTCCC CCAATGAGAGAGGAGCCAGGTGCAGGTCTCTTAAAGCTGAGAGTTGAGGCCATTTAAACAATAACAGA CTCGTGACCTCTGCACCTGCAAACGTCTTCACTCTCCATGCTGAGCCAAGATGGGGAATCGAACAGATGA AGATTATAAATTTGCTTTAAGGTGGTGTGATCGGCGAGTCAGGCGTGGGCAAGACCAATCTGCTGTCC CGGTTCACCCGCAATGAGTTCAGCCACGACAGTCGACCAACCATCGGGGTTGAGTTCTCCACCCGCACTG TAATGCTGGGCACCGCTGCTGTCAAGGCACAGATCTGGGACACGGCCGGCCTGGAGAGATACAGAGCCAT CACCTCTGCGTACTATCGTGGGGCCGTGGGGGCACTCCTGGTATTTGACCTGACCAAGCACCAGACCTAC GCTGTGGTGGAGCGCTGGCTAAAGGAGCTGTATGACCATGCCGAAGCCACGATTGTTGTCATGCTCGTGG GGAACAAAAGTGACCTCAGCCAGGCCCGAGAGGTCCCTACTGAGGAGGCCTGCATGTTTGTGTAACAA TGGCCTGCTGTTCTGGAGACGTCAGCCCTCGACTCCACCAATGTTGAGCTAGCCTTCCAGACTGTCCTC AAAGAGATCTTTGCAAAGGTGTCCAAGCAGAAGCAGAAGCAGCACCAGGACAGTGCCATCACCTGGGCA ATGCCCAAGCTGGACAGGATCCTGGCCCTGGGAAAAGAGGGCCTGTTGCATCAGCCTCTGACTTCAGCT ATGGCCAGCCCTGTGCTCCTGCCTTCAGCTTTCAGATATCTCCACCTCCCTTACTGAGGACTTCTCCCTA CCCTGGAGTCCCTGATCACTAGCACGCAGGGTCATCATGCCCTACCATGTGATCTGCCACCATATTCTCT CTCCATCACCTGGACCCCTTACAGGCGAGGGCCGAAAAATAAGCTGTTTGTATTGTGAAAAAAAAAAAAA           </pre>
Restriction Sites:	RsrII-NotI
ACCN:	NM_016899
Insert Size:	642 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).


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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"><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>
RefSeq:	<a href="#">BC006624</a> , <a href="#">AAH06624</a>
RefSeq Size:	1058 bp
RefSeq ORF:	642 bp
Locus ID:	53868
UniProt ID:	<a href="#">Q9WTL2</a>
Cytogenetics:	3 F1
Gene Summary:	Involved in the regulation of cell survival. Promotes invasive migration of cells in which it functions to localize and maintain integrin alpha-V/beta-1 at the tips of extending pseudopodia. Involved in the regulation of epithelial morphogenesis through the control of CLDN4 expression and localization at tight junctions (PubMed:22696678). May selectively regulate the apical recycling pathway. Together with MYO5B regulates transcytosis (By similarity).[UniProtKB/Swiss-Prot Function]