

## Product datasheet for **MC209276**

### **Rab5b (NM\_177411) Mouse Untagged Clone**

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Rab5b (NM_177411) Mouse Untagged Clone  |
| Tag:                      | Tag Free  |
| Symbol:                   | Rab5b   |
| Synonyms:                 | C030027M18Rik   |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| Fully Sequenced ORF:      | >MC209276 representing NM_177411<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTAGCAGAAGTACAGCCAGGCCCAATGGGCAACCCAGGCCAGCAAAATATGCCAGTTCAAATTGG  
TCCTGCTGGGAGAGTCTGCAGTGGGGAAGTCTAGCCTGGTGTACGTTTTGTCAAAGGACAGTCCATGA  
ATACCAGGAAAGCACCATTGGAGCGCCTTCTCACCCAATCCGTGTGTTAGATGACACAACAGTCAAG  
TTTGAGATCTGGGACACTGCTGGCAGGAGCGATACCACAGTTTAGCCCTATGTACTACAGGGGTGCC  
AGGCTGCAATCGTGGTCTATGATATTACTAATCAGGAAACGTTTGCTCGGGCAAAGACATGGGTAAGGA  
ACTACAGCGGCAAGCCAGCCCTAGCATTGTTATTGCCTTGGCAGGGAACAAGCTGACCTTGCCAACAAG  
CGCATGGTGGAGTATGAAGAGGCTCAGGCATATGCAGATGACAACAGCTTATTATTTATGGAGACTTCAG  
CTAAGACTGCTATGAACGTGAATGATCTCTTCTGGCAATAGCAAAGAAGTTGCCAAAGAGCGAACCCCA  
GAATCTGGGGGTGCGGCAGGCCGAAGTCGGGTGTGGATCTTCATGAGCAGTCCAGCAGAAACAAGAGC  
CAGTGTGTAGCAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |           |
|--------------------|-----------|
| Restriction Sites: | Sgfl-MluI |
| ACCN:              | NM_177411 |
| Insert Size:       | 648 bp    |



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|                               |   |
|-------------------------------|---|
| <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="#">NM_177411.4</a></u> , <u><a href="#">NP_803130.1</a></u>   |
| <b>RefSeq Size:</b>           | 3180 bp   |
| <b>RefSeq ORF:</b>            | 648 bp  |
| <b>Locus ID:</b>              | 19344   |
| <b>UniProt ID:</b>            | <u><a href="#">P61021</a></u>   |
| <b>Cytogenetics:</b>          | 10 D3   |
| <b>Gene Summary:</b>          | Protein transport. Probably involved in vesicular traffic (By similarity).[UniProtKB/Swiss-Prot Function]   |