

## Product datasheet for **MC207782**

### Rab27b (NM\_030554) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids

Product Name: Rab27b (NM\_030554) Mouse Untagged Clone

Tag: Tag Free

Symbol: Rab27b

Synonyms: 2310021G14Rik; B130064M09Rik

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF: >MC207782 representing NM\_030554  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACTGATGGAGACTATGATTATCTGATTAACCTCTGGCCCTTGGAGACTCAGGAGTCGGGAAGACAA  
CATTTCTCTATAGATACACAGACAATAAATTCAATCCCAAATTCATCACCACAGTGGGAATAGATTTTCG  
GGAAAAACGTGTGTTTATGACACACAAGGAGCAGATGGAGCGTCAGGAAAAGCGTTTAAGGTACATCTG  
CAGCTTTGGGACACTGCTGGACAAGAGCGTTCCGGAGCCTTACCACTGCCTTCTCAGAGATGCCATGG  
GCTTCTTACTGATGTTTGACCTCACCAGTCAACAGAGCTTCTTGAATGTCAGAACTGGATGAGTCAACT  
GCAGGCAAATGCTTACTGTGAAAACCCAGACATAGTATTAATTGGCAACAAGGCAGACCTGCCAGACCAA  
AGGGAAGTCAATGAACGGCAAGCACGGGAGCTGGCTGAAAAATATGGCATACCATACTTCGAAACAAGCG  
CAGCTACAGGACAGAATGTAGAGAAGTCAGTGGAAACGCTTCTGGACTTAATCATGAAGAGAATGGAAAA  
GTGTGTAGAGAAGACACAGGTTCCGGACACTGTCAATGGAGGAAATCTGGAAAGCTGGATGGGGAAAAAG  
CCAGCAGAAAAGAAATGTGCCTGCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_030554

Insert Size: 657 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>	<a href="#">NM_030554.4</a> , <a href="#">NP_085031.3</a>
<b>RefSeq Size:</b>	7212 bp
<b>RefSeq ORF:</b>	657 bp
<b>Locus ID:</b>	80718
<b>UniProt ID:</b>	<a href="#">Q99P58</a>
<b>Cytogenetics:</b>	18 43.89 cM
<b>Gene Summary:</b>	<p>Plays a role in NTRK2/TRKB axonal anterograde transport by facilitating the association of NTRK2/TRKB with KLC1. May be involved in targeting uroplakins to urothelial apical membranes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Variants 1, 2, and 3 encode the same protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>