

## Product datasheet for MC217851

### Gpr177 (BC018381) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gpr177 (BC018381) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gpr177  
**Synonyms:** 5031439A09Rik; AI173978; AI987742; Gpr177  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >BC018381  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGATGAGTCCATGGTTCCAGTTTATGCTGTTTATCTTGCAGCTAGACATTGCTTTCAAGCTGAACA  
 ACCAAATCAGAGAAAATGCAGAAATTTCCATGGATGTTTCCCTGGGTACCGTGATGATATGTTTTCTGA  
 ATGGACTGAAATGGCCATGAAAGAGTACCACGTAACCTCAAATGTACTTTACATCCCCAAGACCCCA  
 GAGCACGAAGGTGTTATTATAATTGTGATGTCCTTCCTTTCATGGAAATGGGTGAGTGGCTCATAAGT  
 ATTACCTTCTAAATATCCGGCTACCTGTAATGAGAAAAAGAAAATCAATGTTGGAATGGGGAGATAAA  
 GGACATTCGGTTGGTGGGAATCCACAAAACGGAGGTTTCACTAAGGTATGGTTTGTATGAAGACCTTC  
 CTTACACCCAGCATCTTCATCATTATGGTGTGGTATTGGAGGAGGATCACCATGATGTCCCGACCTCCAG  
 TGCTTCTGGAAAAGTCACTTTTGCCTTGGGATTTCCATGACCTTTATCAATATCCCTGTGGAATGGTT  
 TTCTATTGGATTTGACTGGACCTGGATGCTGTTATTTGGTGACATCCGACAGGGCATCTTCTATGCAATG  
 CTTCTTTCTTTCTGGATCATCTTCTGTGGCGAGCACATGATGGATCAACATGAACGGAATCACATGTCAG  
 GGTACTGGAAGCAAGTTGGACCAATTGCTTTGGCTCCTTCTGCCTCTTCATATTTGACATGTGTGAAAG  
 AGGAGTACAACCTCAGAAATCCTTTCTACAGTATCTGGACTACAGATGTTGGAACAGAACTGGCTATGGCT  
 TTCATCATTGTGGCAGGTATCTGCCTCTGCCTCTATTTCTGTTTCTGTGCTTCATGGTATTTTCAGGTAT  
 TTAGAAACATCAGTGGGAAGCAGTCTAGCCTCCCAGCCATGAGCAAAGTCCGGAGGCTGCACTATGAGGG  
 TCTGATCTTCAGTTCAAGTTCTCATGCTTATCACCTTGGCTTGTGCTGCCATGACTGTTATCTTCTTC  
 ATCGTTAGTCAGGTGTCAGAAGGCCATTGGAATGGGGTGGTGTACAGTTCAAGTGAGCAGTGTCTTCT  
 TCACTGGAATCTATGGGATGTGGAACCTGTATGTCTTTGCTTTGATGTTCTTGTATGCACCATCCATAA  
 GAACTATGGGGAAGACCAGTCTAATGGTACCTGGGTGCCACAGCGGGAAGAACTGCAGCTTACTACC  
 ACTATAACCCATGTAGATGGACCAACTGAGATCTACAAGTTGACCCGTAAGAAGCACAGGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	BC018381
<b>Insert Size:</b>	1326 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>	<a href="#">BC018381</a> , <a href="#">AAH18381</a>
<b>RefSeq Size:</b>	2188 bp
<b>RefSeq ORF:</b>	1325 bp
<b>Locus ID:</b>	68151
<b>Cytogenetics:</b>	3 H4
<b>Gene Summary:</b>	Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins. Plays also an important role in establishment of the anterior-posterior body axis formation during development. [UniProtKB/Swiss-Prot Function]