

## Product datasheet for **MC203589**

### **Rxfp3 (NM\_178717) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rxfp3 (NM_178717) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rxfp3
Synonyms:	BC053073; GPCR135; Rln3r1; Salpr
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC053073  
 AGAAAGCTCAGGCACCTGCTTTGCGCGCCCGCCTGGGTACCACACCCGGAGCAAGCGCTGACTCTCGGTA  
 GTCGGCTTGCAGAACGTGACTAAGGCGCACCTGAGCATGCAGGTGGCTTCTGCAACCCCCGCGGCCACCG  
 TGAGGAAAGCAGCTGCGGGTGATGAGCTCTCAGAATTCTTCGCTCGACCCAGACTTGTGGAAGTGGC  
 CAACGCCAGCGGCAATGCGTCGCTGCAGCTTCCAGATCTGTGGTGGGAGCTGGGGCTAGAGTTGCCAGAC  
 GGTGCGGCGCCTGGGCATCCTCCGGTGGCGCGGGCAGAGAGCACAGACTGAGGCCAGGGTACGGA  
 TCCTCATCAGCGGGTTACTGGGTGGTTGTGCCCTGGGACTGGCCGGCAACCTGCTGGTTCTCTACCT  
 GATGAAGAGCAAGCAAGGCTGGCGCAAATCCTCCATCAACCTCTTTGTACTAACCTGGCACTGACTGAC  
 TTTCAAGTTCGTGCTCACTCTGCCCTTTGGGCTGTGGAGAACGCACTAGACTTCAAGTGGCCCTTCGGCA  
 AGGCCATGTGTAAGATCGTGTCCATGGTGACATCCATGAACATGTACGCCAGCGTCTTCTCCTCACTGC  
 TATGAGCGTGGCGCGCTACCACTCGGTGGCTCGGCTCTCAAGAGCCATCGGACCCGAGGGCGTGGCCGT  
 GCGGACTGCTGCGGCCAGAGCTTGAGGGAGAGCTGCTGTTTTTCAGCCAAGGTGCTGTGTGGTTGATCT  
 GGGCTTCGGCTGCGCTGGCTCGCTGCCAATGCCATTTTTCCACCACCATCAGGGTGTGGGTGAGGA  
 GCTCTGCCTCATGCATTTCCAGACAAGCTACTGGCTGGGACAGGCAGTTCTGGCTGGGTTGTACCAC  
 CTGCAGAAGGTGCTGCTGGGCTTCTGCTGCCGCTGAGCATCATCAGTCTGTGTTACCTGTTGCTGTGC  
 GCTTCATCTCCGACCGTGCAGTGTGGGACAACAGATGCAAGTAGGAGCAGCAGCAGCGCCTGGGGGAGG  
 CCTGAGTACAGCCAGCGCTAGGAGACGCTCCAAGGTACCAAGTCCGCTGACCATCGTCTGCTCCTCTCCTT  
 TTCTGTGTTGGCTGCCAACCAGGCGCTTACCACCTGGAGCATCCTCATCAAGTTCAACGCCGTGCCCT  
 TCAGCCAGGAGTACTTTAGTGCCTAAGTGTACGCGTTCAGTGCAGCGTGTGCCTGGCGCACTCCAACAG  
 CTGCCTCAACCCGATCCTCTACTGCTTGTGCGCCGCGAGTTCGCAAGGCGCTCAAGAACCTGTGTGG  
 CGGATAGCCTCGCCTTCGCTCACCACATGCGCCCTTTACCAGCCACCACCAAGCCAGAACCTGAAGATC  
 ACGGGCTGCAGGCCCTGGCGCCGCTTAATGCTGCTGCCAACCTGACCTGATCTACTATCCACCCGGTGT  
 GGTGGTCTACAGCGGGGTCGCTACGACTGCTCCCTAGTAGCTGCTGCTACTGAGACTGCCAAGGCTC  
 AAGGTCTTTCAAGGAAAAGGAGAGGGAAAGGAGAACAGTTTTGGAGGCTGAAGGGGTGAGAATGGAGAAAT  
 TCCTGGGAAAGGATGTGGGAAAGACTGTGACGCGCCAGAGGAGGACTGTCCTGCAGAAATCACA  
 TTAAGGAAGGAATACCTGGGACCAGATAGAGCAAGCAGCCTTGCCTCCTAGTTCCCACTCCATGCCTTCT  
 ATCCCAAGCCCCATTTCTGCACGTGCGCGCTGAACACTGGGACACCCAGAAGCTGGGGAAGGATCAGAGA  
 AGCAGAGGGATTGAGTTGTAGGAGTTGGTGTCTATATAGCCTTTCTAAGCTCTTTGACCTGGGAGTG  
 TCCCAAGCAAGCATCTAAGTGTGTAACCATCTGGGAAAGAATGAGAAGTTAAACCCCGGTATCCTTTA  
 TCACCCTCGACAGGGCTAATGTGCACGAGCTGAGACTGATCTCCTCCTCGCCATACCACGCATCTGAGCA  
 GAGATGTACCCGGGAGTCTTTAGGCAGTGGCATGAGGTGCCAAAGAGAGCACTGTGATTAGAGGGTACGA  
 AACAGAGAGACCCTGAAGGAACAGGGGGACTGCATAAGTGTCTCCGGAAGCCTAGTTATCCGGAATGTCT  
 TGAGGGCAGTCTGGAGACCTGGCGCTCTGGTCTATTGTTGGAGGTGAACCAGCAAGCATCCGGAAAAGCT  
 CTGCTGGGGGTGTGGAAACATTAGGAGCCCCCTCCTTACTCTTTGGGAACCGAGCTGACTGGGATGAT  
 AAAGTGGATTGGCAGATAGAGAGATGGTTCAATGATGTTAGAAGCGCAGGAGATGCTGTCTAGTTGTTCT  
 CTAGAAGCCGAAGATTGCTCTTTCAAAGTGGGAAGGAGGATTTAAGTCAAATCTCTCCTAAGGGGAAGAT  
 TTCTGTTCTCAAGGGCATCGCCAGAATCTATGAGTAAAGGATTTGCTCCTGTAACCTAACAAAAGAGGT  
 GAGAGTCAGAACTTGAGTAGACTACCCTAACCAAGTTCAGGGGCTTGAATATTTTACTCATCTGAATAT  
 GCAGGACAGCTGCAGGGCTGTCTCTGCAGAGTGGGCACTCCTCGTGACAGCTCAGTTCTAGGAACAGT  
 CTGAGATCTTAAGATCTTCTCAGAGTCTCTTCTGAGACTGTTCTGAGGACAGAGATCAATATTAACCTC  
 ACCATTCTCAATAATTGAGAAAATAATTGAGAATAATAATATTGATCATTACAGGATCAATAGAGAGACT  
 ACAGTTCTATTTGGCTTAGTCTGGGGTAAAGAGGCTGGTGAAGTAGGTACCTCCAATTGCAGTGTGGTCA  
 CTTTAATACCATAAGGGACCATTAGAGAAGCCTTGTCTCAAATGACCTTCTGAACTATGGGATTGGTT  
 GATAATTTTGTCAAAATGCACTGTTACATATGAGAGTTAAAGCTTGGGATATGGAGTCTACACGCCCTGC  
 CATCAAAGCCATGCTTTCTGCCATATAGTAGTTACTACTCAGATACCTTCCACAAAAAGCAAATAATAAA  
 TAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** NM\_178717  
**Insert Size:** 1419 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="#">BC053073</a> , <a href="#">AAH53073</a>
<b>RefSeq Size:</b>	3125 bp
<b>RefSeq ORF:</b>	1419 bp
<b>Locus ID:</b>	239336
<b>UniProt ID:</b>	<a href="#">Q8BGE9</a>
<b>Cytogenetics:</b>	15 A1
<b>Gene Summary:</b>	Receptor for RNL3/relaxin-3. Binding of the ligand inhibit cAMP accumulation (By similarity). [UniProtKB/Swiss-Prot Function]