

## Product datasheet for **MC203180**

### **Gpr35 (NM\_022320) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr35 (NM_022320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr35
Synonyms:	KPG_007
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC027429  
 CCGACGCGTGGGCTGGACTGGGGTCCGTGATGAGCCCTAGGACCATGAATAGTACAACCTGTAACAGC  
 ACCCTCACGTGGCCTGCTTCCGTCAACAACCTTCTTCATCATCTACTCAGCCTTGCTGCTGGTGGTGGCC  
 TGCTGCTCAACAGCGTGGCACTCTGGGTATTCTGCTATCGCATGCACCAGTGGACAGAGACCCGCATCTA  
 TATGACCAACCTGGCTGTGGCCGACCTCGCTGCTCTGCTCCTTGCCATTTGTGCTGTACTCCCTGAAA  
 TATAGTTCTTCAGACACACCCGCTCTGCCAGCTCTCACAGGGCATCTACCTGGCCAACAGATACATGAGCA  
 TAAGCCTGGTCACTGCCATTGCTGTGGACCGCTATGTGGCAGTGGGCATCCCCGCGTGGCGGTGAGGT  
 GCGGTCCCGAGACAGGCTGCAGCAGTGTGTGGCCCTTTGGGTGATAGTGGTACCTCCCTGGTGTAGT  
 CGCTGGCGCTGGGGATGCAGGAGGGTGGCTTCTGCTTACGACGCAAACCCGGCCAAATTCAGACCA  
 CTGCTTCTCACTGCTGGGATTCTACTGCCGCTGGCCATCGTGGTCTTCTGCTCTTTCAGGTAGTGAC  
 TGTGCTATCGAGAAGGCCAGCCGCTGATGTGGGCAGGCAGAGGCCACCCAAAAGGCCACCCACATGGTC  
 TGGGCCAACTGGCTGTGTTTGCATCTGCTTCTGCCCTTGATGTGGTCTGACCGTGCAGGTCTCCC  
 TGAACCTCAATACCTGTGCTGCCGAGACACCTTACCCGTCGCCCTGCCATCACAGGTAACCTCTCAGA  
 CACCAACTGCTGCCTGGATGCCATCTGTACTACTACATGGCCAGAGAGTCCAGGAAGCGTCCAAGCCA  
 GCCACGTCTTCAACACACCCCAAGAGCCAAGATTCCAGATCCTGAGCCTCACCTAGAAGAAGTGA  
 CACATGCCAAGGGCCAGAGGAACCTGTGATGTGAGCAAGGAGCCCTGGATCAGCCTGAACCTCCTGTGGG  
 GTCTGAGCACTCTAGGAGACCCAGTTGGACTAGAGAGGCTGCATCTGCTCCCCTGAAAGGACCAGAGGAC  
 TCAGGCTTAACGTCCGACCTGAGGGACCTGGAACAAGACCACATATCTCCATTCCAGATCTAGAAA  
 CCTGGGCACCAAGATGGGGCCTTGATGGCTAGCCACTGAGTTTAGGATACACCCCTCCCAAGAGTTGGTC  
 CTGGCAAGGTCTCTGTACCTAGATGCAAGTGTGAGAGATAAAGGACAGACATACGGCTCAGAGAACC  
 AGGAGACATCTTCCAGAGGACCTCAAATGGCTTCTTCTTTTAGGACCTTTAACTTCATGCCACATG  
 TAGGGTTGGGCAAAGGGCAGCAGCTGTGGTCTGGCAGGCTGTCTCCAAGGCCATGACTGTCACTGTT  
 GCTCCAGCTCTGATTATGAGGGTCCAGCTCAGGAGACCCAGTGGTATAACATCATGTTGAGCAATCG  
 GACCTGAGCCTCTCTGGTTATTTCCATTCTATAGTGGGACTGTTGATTCTGAGGACAGTGGCTATGGT  
 AGAGGTCTCTGGAGTTTATTGTGAGGAAGATTGCTGTTTGGTATTCATGCTCTCTGAGGATGTGGCCCA  
 GGCTTCGAGGATCTCTGGAGTAAAGGATGAGCCACAAAGCCAGCTTTGAGTCAGGAGCACATTTGGAGAT  
 GTGGTAGCCCTGGGCTTCCCTCAATGCTTTGATTTTTGTCTTGGTCCAAATGTACAGCTGTACCCAG  
 AGCCAGAGCCCTCCAGCTCAGGGGAGGGGGTACTGGCTCTCCCTACTCTTACCCCTACTTCATCCAA  
 GGCCTACTGCCTAACTGACCCCTTTTTTGTATGACCTTTTCTACAAAAACCAAAAATCTGTTTCATCCTT  
 CAGACACCAGAGAAAGGATTCCACTCAAGTATAAATTGGTGAACGATTTCTGGAGTTACTTACAAAAG  
 CACGGTACTCTTGGGTGCTCAGTCACTGAAAAGCCTCACTCAGCATAGTAACAATCCCAAACTGCAC  
 CGCTAGATTACCAATCCCACTAAACTCCACCTCACACACACTTGGACACCTGACCTGCTCCAGACA  
 AAAATGTGCCTAGGGTGTGAGGAAGCTGTGGCTGCGACCAAGGTGTGCTGACCCCTCTTCCGCTGCCAA  
 GGACTACTAACAGCTTATGATCATCAGCCTATTCCGCCACAGCCGATTTTGGCTGTTTCACTGGCATGA  
 CTGTAGGCCGAGCTGTTCTGTGGATCAGAGCAGCGCTTTTCTGTTCACTGCTGATGATCATCCTAAGCC  
 AGAGAAATGGCTTCTCTGCCACTGGCCACTCTCCCTCCAGTTCTCACATCCCTCCACCCTCTGTTT  
 TGCAGTATTATCTAAACCTTACCTTGAAGGAAGGGATGGTGTATCTATATAATATCAAGATATAGGAT  
 CCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_022320

**Insert Size:** 924 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).

**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).

<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="#">BC027429</a> , <a href="#">AAH27429</a>
<b>RefSeq Size:</b>	2538 bp
<b>RefSeq ORF:</b>	924 bp
<b>Locus ID:</b>	64095
<b>UniProt ID:</b>	<a href="#">Q9ES90</a>
<b>Cytogenetics:</b>	1 D
<b>Gene Summary:</b>	Acts as a receptor for kynurenic acid, an intermediate in the tryptophan metabolic pathway. The activity of this receptor is mediated by G-proteins that elicit calcium mobilization and inositol phosphate production through G(qi/o) proteins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1, 2 and 3 encode the same protein.