

## Product datasheet for MC209257

### Ptgir (NM\_008967) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ptgir (NM_008967) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptgir
Synonyms:	IP; PGI2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209257 representing NM_008967 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGGCCAGCGATGGACATCCTGGACCCCTTCTGTCACTCCTGGGAGCCCTCTCAGTGCAGGTGGCA  
GAGAGTGGCAGGGCATGGCAGGCTCCTGCTGGAATATCACCTACGTTCAAGACTCGGTAGGACCTGCCAC  
CAGCACGCTGATGTTCTGGCTGGTGTAGTGGCAACGGGCTGGCATTGGGCATCCTGGGTGCCCGACGG  
AGGTCACACCCATCGGCCTTTGCGGTGTTGGTCACTGGGCTGGCGGTGACGGATCTGCTGGGCACGTGCT  
TCTTGAGCCCTGCAGTGTGTTGGCCTATGCTCGAAACAGCTCTCTGCTGGCCTGGCCACGGTGGGAC  
GATGCTGTGTGACACTTTCGCCTTCGCCATGACGTTCTTCGGCCTGGCCTCCACGCTCATCCTTTTGCC  
ATGGCTGTGGAGCGGTGCCTGGCACTCAGTCACCCCTACCTGTACGCCAGCTGGACGGGCCGCGTGGC  
CCCGCTTTGCCTTGCCCTTCCATCTACGCTTTCTGCTGCCTTCTGCTCACTGCCCTGTGGGCTGGG  
CGAGCATCAGCAGTATTGCCAGGGAGCTGGTGTTCATCCGCATGCGTTCGCCACGCTGGCGGCTGT  
GCCTTCTCCCTGGCCTACGCCAGTCTCATGGCCCTGTTGGTGACCTCCATCTTCTTGAACGGCTCCG  
TCACTCTCAGCCTCTATCACATGTACGCCAACAGAGACGCCACCATGGCTCGTTTGTACCGACCTCTCG  
GGCAGCAGAGGATGAAGTTTACCACCTGATTCTGCTGGCCCTCATGACCGTCATCATGGCCGTGTGCTCC  
CTGCCCTCATGATCCGAGGCTTCACTCAGGCCATCGCCCCAGACAGCAGAGAGATGGGGACCTCCTCG  
CCTTCGGCTTCAACGCCCTTCAACCCCATCCTGGACCCCTGGGTCTTCATCCTTTCCGAAAGGCTGTCTT  
CCAACGCCTCAAGTTCTGGTTGTGTTGCCTGTGTGCCGTTCTGTCCATGGGGATTTGCAGGCGCCCTT  
TCCAGACCTGCATCGGGGAGAAGAGACCCACCGCTCCTACTTCTCTCCAGGCTAAGGAAGGGAGCTGGG  
TGCCCTGTGCTCCTGGGACCGGGACAGGTGGCACCAATTGACTGCTGTGCCTCTGACTGGTGGTACGG  
CTGCTCTGTGGGAATGCCATCCAAGTCAGAGGCCATCGCTGCCTGCTCCCTCTGC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_008967
<b>Insert Size:</b>	1248 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>	<u><a href="#">NM_008967.3</a></u> , <u><a href="#">NP_032993.2</a></u>
<b>RefSeq Size:</b>	3334 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	19222
<b>UniProt ID:</b>	<u><a href="#">P43252</a></u>
<b>Cytogenetics:</b>	7 9.15 cM
<b>Gene Summary:</b>	Receptor for prostacyclin (prostaglandin I2 or PGI2). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase.[UniProtKB/Swiss-Prot Function]