

Product datasheet for RN201327

Ptgir (NM_001077644) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ptgir (NM_001077644) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ptgir
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN201327 representing NM_001077644
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGCCAGCGGTGGACGTCCTGATGGTCCCCCTTCTATCACCCCGAGAGCCCTCTCATTGTAGGTG
 GCAGAGAGTGGCAGGGTATGGCAGGTTCTTGTGGAACATCACCTACGTTCAAGACTCGGTAGGACCTGC
 CACCAGCACCCCTGATGTTTGTGGCTGGTGTGGTGGCAACGGGCTAGCACTGGGCATCCTGGTGCCCGA
 CGGAGGTCACACCCATCGCGTGGTTCAGTGTGGTCACTGGGCTGGCAGTGACGGATCTGCTGGGACGT
 GCTTCTTGAGCCCCGCGTGGTGGCCATGCTCGAAACAGCTTTTGTGGGCTGGCCACGGTGG
 GACGATGCTGTGTGACACTTCGCCTTCGCTATGACTTTCTTCGGCCTGGCCTCCACGCTCATCCTCTTC
 GCCATGGCTGTGGAGCGGTGCCTGGCTCTCAGTCATCCCTACCTGTACGCCAGCTGGACGGCCCCGCT
 GTGCCGCTTGGCTTTCCTGCCATCTACGCTTCTGTTGTCTTCTGCTCACTGCCCTGCTGGGCT
 GGGCGAGCACCAGCAGTATTGTCCCGGAGCTGGTGTTCATCCGCATGCGTTCCCCCAGCCTGGTGGC
 TGTGCCTTCTCCCTGGCCTATGCCAGTCTCATGGCCCTGCTGGTACCTCCATCTTCTTCTGCAACGGCT
 CCGTCACTCTCAGCCTCTGTACATGTACGCCAACAGAGACGGCACCATGGCTCGTTTGTGCCACCTC
 TCGGGCAGAGAGGATGAAGTTTACCACCTGATTCTGCTGGCCCTCATGACAGGCATCATGGCCGATGC
 TCCCTGCCTCTCAGATCAGAGGATTCAGCAGGCCATCGCCCCAGACAGAGAGATGGGGACCTCC
 ACGCCTTCCGTTTTAATGCCTTCAACCCATCCTGGACCCTGGGTCTTCATCCTTTCCGAAAGGCTGT
 CTTC AACGCCTCAAGTTCTGGTTGTGTGTGTGTGCCGTTCTGTCCATGGGGATCTGCAGACGCC
 CTCTCCCGGCCGCTGTCCGGGAGAAGAGACACACTGGCTCCCGATTCTCTCCAGGCTAAGGAAGGAACT
 GGGTGCCCTGTCAACCTGGGGTACGGGGCAGGTGGCACCATTGACTGCTGTGCCTCTGTCTGGTGGTGA
 TGGCTGTTCTGTGGGAATGCCATCCAAACAGAGGCTGTGGTTGCCTGCTCCCTCTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3329_d01.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001077644
Insert Size:	1251 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_001077644.1</u> , <u>NP_001071112.1</u>
RefSeq Size:	1360 bp
RefSeq ORF:	1251 bp
Locus ID:	292661
UniProt ID:	<u>P43253</u>
Cytogenetics:	1q21
Gene Summary:	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]