

Product datasheet for SC123596

Prostaglandin I2 Receptor (PTGIR) (BC017857) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prostaglandin I2 Receptor (PTGIR) (BC017857) Human Untagged Clone
Tag:	Tag Free
Symbol:	Prostaglandin I2 Receptor
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC017857 edited

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ACAGACGCACGGGACAGGAGAGCCTGGGCAAGACTGGAGAGCCCAGACCTGGGATGGCGG
ATTCGTGCAGAACCTCACCTACGTGCGGGCTCGGTGGGGCCGCCACCAGCACCTGA
TGTTTCGTGGCCGGTGTGGTGGGCAACGGGCTGGCCCTGGGCATCCTGAGCGCACGGCGAC
CGGCGCGCCCCTCGGCCCTTCGCGGTGCTGGTGACCGGACTGGCGGCCACCAGCCTGCTGG
GCACCAGCTTCTGAGCCCGGCCGTGTTTCGTGGCCTATGCGCGCAACAGCTCCCTGCTGG
GCCTGGCCCGAGGCGGCCCGCCCTGTGCGATGCCTTCGCCTTCGCCATGACCTTCTTCG
GCCTGGCGTCCATGCTCATCCTTTGCCATGGCCGTGGAGCGCTGCCTGGCGCTGAGCC
ACCCCTACCTCTACGCGCAGCTGGACGGGCCCGCTGCGCCCGCTGGCGCTGCCAGCCA
TCTACGCCTTCTGCGTCTTCTGCGCGCTGCCCTGCTGGGCTGGGCAACACCAGC
AGTACTGCCCGGCAGCTGGTGTTCCTCCGCATGCGCTGGGCCAGCCGGCGGGCGCGG
CCTTCTCGCTGGCCTACGCCGGCCTGGTGGCCCTGCTGGTGGCTGCCATCTTCTCTGCA
ACGGCTCGGTACCCCTCAGCCTCTGCCGCATGTACCGCCAGCAGAAGCGCCACCAGGGCT
CTTGGGTCCACGGCCGCGCACCGGAGAGGACGAGGTGGACCACCTGATCCTGCTGGCC
TCATGACAGTGGTCATGGCCGTGTGCTCCCTGCCTCTCACGCATGTAGAAAGGCCGAGGC
AGGACCGGATGCGGTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCCGAGGCCGGCG
GATCATTTGAGGTCAGGAGTTCGAGACCAGTCTGGCCAACATGATGAAACCCTGTCTCTA
CTAAAAATACAACAAATAAATAAATAAAAAAGTAGCCGGACGTAGTGGCAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC017857 unedited NNCCGGTGTTCGGATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCCATTACGGC CGGGGACAGACGCACGGGACAGGAGAGCCTGGGCAAGACTGGAGAGCCCAGACCTGGGAT GGCGGATTTCGTGCAGGAACCTCACCTACGTGCGGGGCTCGGTGGGGCCGGCCACCAGCAC CCTGATGTTTCGTGGCCGGTGTGGTGGGCAACGGGCTGGCCCTGGGCATCCTGAGCGCACG GCGACCCGGCGCCCTCGGCCCTTCGCGGTGCTGGTGACCGGACTGGCGGCCACCGACT GCTGGGCACCCAGCTTCTGAGCCCGCCGTGTTTCGTGGCCTATGCGCGCAACAGTCCCT GCTGGGCCTGGCCGAGGCGGCCCGCCCTGTGCGATGCCTTCGCCTTCGCCATGACCTT CTTGCGCCTGGCGTCCATGCTCATCCTCTTTGCCATGGCCGTGGAGCGCTGCCTGGCGCT GAGCCACCCCTACCTCTACGCGCAGCTGGACGGGCCCGCTGCGCCCGCCTGGCGCTGCC AGCCATCTACGCCTTCTGCGTCTCTTCTGCGCGCTGCCCTGCTGGGCCTGGGCCAACA CCAGCAGTACTGCCCCGGCAGCTGGTGTCTCTCCGCATGCGCTGGGCCAGCCGGGCGG CGCCGCTTCTGCTGGCCTACGCCGGCCTGGTGGCCCTGCTGGTGGCTGCCATCTTCT CTGCAACGGCTCGGTACCCCTCAGCCTCTGCCGCATGTACCGCCAGCAGAAGCGCCACCA GGGCTCTCTGGTCCACGCCGCGCACCGNANAGGACGAGTGGCCACCTGATCCTGCTGGC CCTCATGACAGTGGTCATGGCCGTGTGCTCCCTGCCTCTCACGN
Restriction Sites:	Please inquire
ACCN:	BC017857
Insert Size:	1038 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).
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:	BC017857.1
RefSeq Size:	1038 bp
Locus ID:	5739
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction, Vascular smooth muscle contraction

Gene Summary:

The protein encoded by this gene is a member of the G-protein coupled receptor family 1 and has been shown to be a receptor for prostacyclin. Prostacyclin, the major product of cyclooxygenase in macrovascular endothelium, elicits a potent vasodilation and inhibition of platelet aggregation through binding to this receptor. [provided by RefSeq, Jul 2008]