

Product datasheet for **RN214303**

Ptgfr (NM_013115) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptgfr (NM_013115) Rat Untagged Clone
Tag: Tag Free
Symbol: Ptgfr
Synonyms: PF2AR
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214303 representing NM_013115
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCATAAACAGTTCCAAGCAGCCGGCGTCTCTGCAGCTGGACTCATCGCCAACACGACTTGCCAGA
CGGAGAACCGGCTTTCAGTGTCTTTTCAATAATCTTCATGACGGTGGGATTGTATCTAACAGCCTGGC
CATTGCCATCCTCATGAAGGCATATCAGAGATTTAGACGGAAGTGAAGGCTTCTTCTGCTCTTGCT
AGTGGCCTGGTGATCACAGACTTCTCGGCCACCTCATCAACGGAGGGATAGCTGTCTCGTATACGCTT
CTGATAAAGACTGGATCCGCTTCGATCAATCGAACATCCTGTGCAGTGTTTTGGGATCTCCATGGTGTT
CTCTGGCTTGTGCCACTTTTCTGGGCAGTACGATGGCCATTGAGAGGTGCATCGGGGTCACCAACCTT
CTATTCCTACTCTACAAAGATCACGTCTAAGCATGTGAAAATGATACTGAGCGGTGTGTCATGTTTGCTG
TCTTCGTGGCCCTGTTGCCATCCTTGGACACCGAGATTCAAATCCAAGCATCCAGAACTTGGTGCTT
CTACAACACAGAGCACATCGAAGACTGGGAAGACAGGTTCTATCTTGTCTTTTCTTCCCTGGGACTC
TTAGCTCTCGGCATCTCATTCTCGTGCAACGCCGTACGGGAGTCACACTTTTGAAGTGAAGTTTAGAA
GTCAGCAGCACAGGCAAGGCAGGCTCACCACCTGGAGATGGTCATTAGCTCCTGGCCATAATGTGTGT
CTCCTGCGTCTGCTGGAGTCCCTTCTGGTGACGATGGCCAACATTGCAATCAATGGAAATAATCCCCA
GTGACCTGTGAGACGACGCTCTTTGCTCTCCGAATGGCAACCTGGAACCAGATATTAGACCCTGGGTCT
ACATTCTGCTACGGAAGGCTGTCCTTAGGAACCTGTACAAGCTTGCCAGTCGCTGCTGTGGAGTGAACAT
CATCAGCTTGACATCTGGAACTCAGCTCCATCAAGAATTCCTTAAAGTTGCTGCTATCTCTGAGTCA
CCGGCTGCAGAGAAGGAGAATCAGCAAGCATCTAGTGAGGCTGGACTGTAA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013115



Insert Size:	1101 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:	<u>NM_013115.1, NP_037247.1</u>
RefSeq Size:	3000 bp
RefSeq ORF:	1101 bp
Locus ID:	25652
UniProt ID:	<u>P43118</u>
Cytogenetics:	2q45
Gene Summary:	receptor for prostaglandin F2; activation induces signaling via increased intracellular calcium [RGD, Feb 2006]