

Product datasheet for **RN209673**

Pdgfc (NM_031317) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdgfc (NM_031317) Rat Untagged Clone
Tag: Tag Free
Symbol: Pdgfc
Synonyms: SCDGF
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209673 representing NM_031317
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTCCTCTCGGCCTCTCTGCTGACATCTGCCCTGGCCGGCCAGAGAACC GGACTCGGGCTGAGT
CCAACCTGAGCAGCAAGTTGCAGCTCTCCAGCGACAAGGAGCAGAACGGAGTGCAAGATCCCCGGCATGA
GAGAGTTGCTCACTATATCTGGTAATGGGAGCATCCACAGCCCGAAGTTTCCTCATACCTACCAAGAAAT
ACGGTGCCTGGTCTGGAGATTAGTGGCAGTAGATGAAAATGTGCGGATCCAGCTGACATTTGATGAGAGAT
TTGGGCTGGAAGACCCAGAGGACGATCTATGCAAGTATGATTTTGTAGAAGTTGAGGAGCCCACTGATGG
AAGTGTATTAGGACGCTGGTGTGGTTCTGGGACTGTGCCAGGAAAGCAGACTTCTAAAGGAAATCATATC
AGGATAAGATTTGTATCTGATGAGTATTTCCCATCTGAACCCGGATTCTGCATCCACTACAGTATTATCA
TGCCACAAGTCACAGAACTACGAGTCTTCAGTGTGGCCCTTCAGCTTTGTCATTGGACCTGCTCAA
TAATGCTGTGACTGCCTTCAGTACTGTGGAAGAGCTGATTCGGTTCCTAGAGCCAGATCGATGGCAGATA
GACTTGGACAGCCTCTACAAGCCAACATGGCCGCTTTGGGCAAAGCTTTCCTGTATGGGAAAAAAGCA
AAGCGGTGAATCTGAACCTTCTCAAAGAAGAGGTAAAACTTTACAGCTGCACACCCGGAACCTTCTGT
GTCCATACGGGAAGAGCTAAAGAGGACAGACCATATTCCTGGCCAGGTTGTCTCCTGGTCAAGCGCTGT
GGAGGAAATTGTGCTGTTCCTCCATAATTGCAATGAATGTCAGTGTGCCACGTAAAGTTACAAAAA
AGTACCATGAGGTCTTCAGTTGAGACAAAAATTGGAGTCAAGGGATTGCATAAGTCTGCTCACCGATGT
GGCCCTGGAACACCATGAGGAATGTGACTGTGTGTAGAGGAAACACAGAAGGG**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031317



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| | |
|-------------------------------|---|
| 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: | <u>NM_031317.1</u> , <u>NP_112607.1</u> |
| RefSeq Size: | 1116 bp |
| RefSeq ORF: | 1038 bp |
| Locus ID: | 79429 |
| UniProt ID: | <u>Q9EQX6</u> |
| Cytogenetics: | 2q33-q34 |
| Gene Summary: | expressed in the embryonic spinal cord floor plate and ventricular zone, adult expression is localized to motoneurons in several regions of the brain [RGD, Feb 2006] |