

Product datasheet for **MG205818**

Pdgfrl (NM_026840) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdgfrl (NM_026840) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pdgfrl
Synonyms: 1110039P19Rik; AV013190
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205818 representing NM_026840
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGTTTTGGCTGCTGCTCGGACTTCTGTTGCTACACGAAGCGCTGGAAGATGTTGCTGGCCAGCATT
 CTCCTAAGAACAAGCGTCCAAGGAGCAAGGAGAAAACAGAATCAAACCAACCAAAAAAGCCAAACC
 CAAGATTCCTAAGGTAAGGACAGGGACTCCACTGACTCAACCGCAAAGAGCCAGTCCATCATGATGCAA
 GCGATGGGCAACGGTCGTTCCAGAGCCCTGCTGCCACAGTGAGTCTCCTGGCAGGGCAAACCTCTAGAGC
 TACGATGTAAGGGAAGCAAAGTGGAGTGGAGTTACCCCGCTACTTGGACACCTTCAAGGACTCCCGCCT
 CACTGTGAAGCAGAGTGAACGCTATGGGCAAGTACTCTGGTCAACTCCACCGCGCCGACACCGGTGAA
 TTCAGCTGCTGGGAGCAACTGTGCAATGGCTACATCTGCAGACGGGATGAAGCCAAAACAGGCTCCACCT
 ATATCTTCTTACAGAGAAAGGAGAGCTGTTTGTGCCTTCTCCAGTTACTTTGATGTTGTCTACCTGAA
 CCCGGACAGACAAGCTGTGGTTCCTTGTGCGAGTGACAGCCCCATCAGCCAAAGTACGCTCCACAGGGAG
 TTTCCCGCAAAGAAATCCCTGCCAATGGCACGGACATTGTGTACGACATGAAGAGAGTTTCGTGTACC
 TTCAGCCTCATTCCGATCACCAGGTGTGGTCTACTGCAAAGCGGAAGCCGGGGCAAGTCTCAGATCTC
 AGTCAAGTATCAGCTGCTCTATGTAGAGTTCCTAGTGGCCCTCCATCAACAACCATCTTGGCCTCCTCT
 AACAAAGTGAGGGGCGGTGATGACATCAGCGTCTCTGCACTGTCCTCGGGGAGCCTGATGTGGAGTTG
 AATTCAGGTGGCTTTTCTGGGCAAGGACGAAAGGCCTGTGACCATCCAGGACACCTGGAGACTGAT
 TCACAGAGGACTGGGACACACCACAAGAATCTCCAGAGTGTCTTATCGTGAAGACTTTGAGACCATT
 GATGCGGGCTACTACATATGCACAGCTCAGAATCTCCGAGGACAGACCACAGTAGCGACCACTGTTGAGT
 TTTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205818 representing NM_026840
 Red=Cloning site Green=Tags(s)

MKFWLLGLLLLHEALEDVAGQHSPKNKRPKEQGENRIKPTNKKAKPKIPKVKDRDSTDSTAKSQSIMMQ
 AMGNRFQRPAATVSLLAGQTLRLCKGSKVWSYPAYLDTFKDSRLTVKQSERYGQLTLVNSTAADTGE
 FSCWEQLCNGYICRRDEAKTGSTYIFFTEKGELFVSPSYFDVVYLNPDRAVPCRVTPAPSAKVTLHRE
 FPAKEIPANGTDIVYDMKRGFVYLQPHSDHQGVVYCKAEAGKSQISVKYQLLYVEVPSGPPSTTILASS
 NKVRGGDDISVLCTVLGEPDVEVEFRWLFPGQKDERPVTIQDTWRLIHRGLGHTTRISQSVIIVEDFETI
 DAGYYICTAQNLRGQTTVATTFEFS

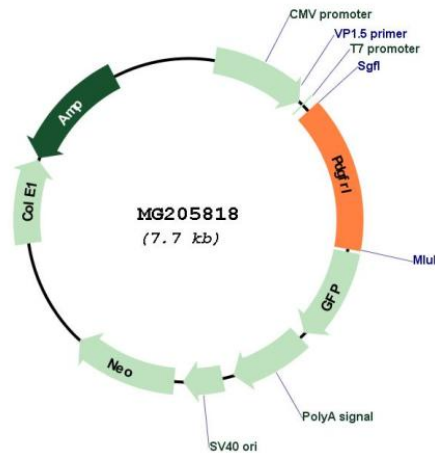
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_026840

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORF Size: | 1125 bp |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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: | NM_026840.2 , NP_081116.2 |
| RefSeq Size: | 1542 bp |
| RefSeq ORF: | 1128 bp |
| Locus ID: | 68797 |
| UniProt ID: | Q6PE55 |
| Cytogenetics: | 8 A4 |