

## Product datasheet for SC116257

### PDGFRL (NM\_006207) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PDGFRL (NM_006207) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDGFRL
Synonyms:	PDGRL; PRLTS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116257 sequence for NM_006207 edited (data generated by NextGen Sequencing)

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ATGAAGTCTGGCTGCTGCTTGGTCTTCTGCTGGTGCACGAAGCGCTGGAGGATGTTACT
GGCCAACACCTTCCCAAGAACAAGCGTCCAAAAGAACCAGGAGAGAATAGAATCAAACCT
ACCAACAAGAAGGTGAAGCCAAAATTCTAAAATGAAGGACAGGACTCAGCCAATTCA
GCACAAAGACGCACTATCATGATGCAAGTGTGGATAAAGGTCGCTCCAGAAAACC
GCCGCTACCCTGAGTCTGCTGGCGGGGCAAACTGTAGAGCTTCGATGTAAGGGAGTAGA
ATTGGGTGGAGCTACCCTGCGTATCTGGACACCTTTAAGGATTCTCGCCTCAGCGTCAAG
CAGAATGAGCGCTACGGCCAGTTGACTCTGGTCAACTCCACCTCGGCAGACACAGGTGAA
TTCAGCTGCTGGGTGCAGCTCTGCAGCGGCTACATCTGCAGGAAGGACGAGGCCAAAACG
GGCTCCACCTACATCTTTTTTACAGAGAAAGGAGAACTCTTTGTACCTTCTCCCAGCTAC
TTGATGTTGTCTACTTGAACCCGGACAGACAGGCTGTGGTTCCCTGTGCGGGTGACCGTG
CTGTGCGGCCAAAGTCACGCTCCACAGGGAATCCAGCCAAGGAGATCCAGCCAATGGA
ACGGACATTGTTTATGACATGAAGCGGGGCTTTGTGTATCTGCAACCTCATTCCGAGCAC
CAGGGTGTGGTTTACTGCAGGGCGGAGGCCGGGGGAGATCTCAGATCTCCGTCAAGTAC
CAGCTGCTCTACGTGGCGGTTCCAGTGGCCCTCCCTCAACAACCATCTTGGCTTCTTCA
AACAAAGTGAAAAGTGGGGACGACATCAGTGTGCTCTGCACTGTCTGGGGGAGCCCGAT
GTGGAGGTGGAGTTCACCTGGATCTTCCAGGGCAGAAGGATGAAAGGCCTGTGACGATC
CAAGACACTTGGAGTTGATCCACAGAGGACTGGGACACACCACGAGAATCTCCAGAGT
GTCATTACAGTGGAAAGACTTTGAGACGATTGATGCAGGATATTACATTTGCACTGCTCAG
AATCTTCAAGGACAGACCACAGTAGCTACCACTGTTGAGTTTTCTGA

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Clone variation with respect to NM\_006207.2



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_006207 unedited  
 ATACGACTCATATAGGGCGGCCGATTTCGGCACGAGGCCGAGATGAAGGTCTGGCTGCT  
 GCTTGGTCTTCTGCTGGTGCACGAAGCGCTGGAGGATGTTACTGGCCAACACCTTCCCAA  
 GAACAAGCGTCCAAAAGAACCAGGAGAGAATAGAATCAAACCTACCAACAAGAAGGTGAA  
 GCCCAAATTCCTAAAATGAAGGACAGGGACTCAGCCAATTCAGCACAAAGACGCAGTC  
 TATCATGATGCAAGTCTGGATAAAGGTCGCTTCCAGAAAACCCCGCTACCTGAGTCT  
 GCTGGCGGGGCAAACTGTAGAGCTTCGATGTAAGGGAGTAGAATTGGGTGGAGCTACCC  
 TGCGTATCTGGACACCTTAAAGGATTCTCGCCTCAGCGTCAAGCAGAATGAGCGTACGG  
 CCAAGTTACTCTGGTCAACTCCACCTCGGCAGACACAGGTGAATTCAGCTGCTGGGTGCA  
 GCTCTGCAGCGGTACATCTGCAGGAAGGACGAGGCCAAAACGGGCTCCACCTACATCTT  
 TTTTACAGAGAAAGGAGAACTCTTTGTACCTTCTCCAGCTACTTCGATGTTGTCTACTT  
 GAACCCGGACAGACAGGCTGTGGTTCCTTGTGGGTGACCGTGTGTGGCCAAAGTCAC  
 GCTCCACAGGGAATTCAGCCAAGGAGATCCAGCCAATGGAACGGACATTGTTTATGA  
 CATGAAGCGGGCTNTGTGTATCTGCAACCTCATTCCGAGCACCAGGGTGTGGNTTACTG  
 CAGGGCGGAGGCCGGGGCAGATCTCAGATCTCGTCAAGTACAGCTGCTCTCGGTGGGC  
 GTTCCCAGTGGCCCTCCTCACAACATCTGGGCTTCAACAGTGAAGTGGGACGACTCA  
 TGGCCTGACTGTCTGGGAGCGATGGGGAGGGGATCACTGATCTCAGGCAAAGGAAAAGC  
 CTGACTCAGCCTTGTGGG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_006207 unedited  
 TTACTIONACCGCCGCAATCTANGATCAGTTTTTTTTTTTTTTTTTTTTTTTTTTTACAA  
 AAACGTGCTCATTTAATAGAAATGATTGATTATATAAAATGTTTACACATGTATAAAAA  
 CTAGGAACACGTATGTAGGTAAGCAATCAAATCATGCTTCTGTTAGAAAAGTTAACAC  
 TTCTGTGAATAGACTGGATGACTTCCTTTAGTTTGGATGTCTGGTCCGACTCACGAGA  
 CGCTGGGGTGGGGTGTGGTGTGACATCAGCCTCTGGCAAAGCACTAATAAAAGGAAC  
 CCCAAAGCTGACTGTGTACACAAATGGGCTTCCATAAGTTTACATTTCTTTTCCA  
 AGTCAGGAAAACCAACAGTGGTAGCTACTGTGGTCTGTCTTGAAGATTCTGAGCAGTG  
 CAAATGTAATATCCTGCATCAATCGTCTCAAAGTCTTCCACTGTAATGACACTCTGGGAG  
 ATTCTCGTGGTGTGCCAGTCTCTGTGGATCAAACCTCCAAGTGTCTTGGATCGTCACA  
 GGCCTTTCATCCTTCTGCCCTGGGAAGATCCAGGTGAACCTCCACCTCCACATCGGGCTCC  
 CCCAGGACAGTGCAGAGCACACTGATGTGTCTCCCACTTTTCACTTTGTTGAAGAAGCC  
 AAGATGGTTGTTGAGGGAGGGCCACTGGGGACCGCCACGTAGAGCAGCTGGTACTTGCACN  
 GAGATCTGAGATCTGCCCGGCTCCGCCCTGCAGTAAACCACACCCTGGNTGCTCGAA  
 TGGAGTTGCAGATACACAAAGCCCGCTTATGTATATAAACAATGTCCCGTTTATTGGCT  
 GGGATCTTCTGGCTTGGAAATTCCTGTGGAACGTGACTTTGGCCGACAGCACGTCAACC  
 GAACAGAACACAGCTGTCTGTCCGGTTTCAATAAACACCTCGAATTACTG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_006207

**Insert Size:**

1600 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:**

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\\_006207.1](#), [NP\\_006198.1](#)

**RefSeq Size:** 1502 bp

**RefSeq ORF:** 1128 bp

**Locus ID:** 5157

**UniProt ID:** [Q15198](#)

**Cytogenetics:** 8p22

**Domains:** ig, IG

**Protein Families:** Druggable Genome, Secreted Protein

**Gene Summary:** This gene encodes a protein with significant sequence similarity to the ligand binding domain of platelet-derived growth factor receptor beta. Mutations in this gene, or deletion of a chromosomal segment containing this gene, are associated with sporadic hepatocellular carcinomas, colorectal cancers, and non-small cell lung cancers. This suggests this gene product may function as a tumor suppressor. [provided by RefSeq, Jul 2008]