

## Product datasheet for **SC321082**

### 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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM\_006207.1  
 GGGGGAGGTTCCCGAGATGAAGGTCTGGCTGCTGGTCTTCTGCTGGTGACGAAGC  
 GCTGGAGGATGTTACTGGCCAACACCTTCCCAAGAACAAGCGTCCAAAAGAACCAGGAGA  
 GAATAGAATCAAACCTACCAACAAGAAGGTGAAGCCAAAATTCCTAAAATGAAGGACAG  
 GGACTCAGCCAATTACAGACCAAAGACGAGTCTATCATGATGCAAGTGCTGGATAAAGG  
 TCGCTTCCAGAAACCCGCCGCTACCCTGAGTCTGCTGGCGGGGCAAAGTGTAGAGCTTCG  
 ATGTAAAGGGAGTAGAATTGGGTGGAGCTACCCTGCGTATCTGGACACCTTTAAGGATTC  
 TCGCCTCAGCGTCAAGCAGAATGAGCGCTACGGCCAGTTGACTCTGGTCAACTCCACCTC  
 GGCAGACACAGGTGAATTACGCTGCTGGGTGCAGCTCTGCAGCGGCTACATCTGCAGGAA  
 GGACGAGGCCAAAACGGGCTCCACCTACATCTTTTTTACAGAGAAAGGAGAACTCTTTGT  
 ACCTTCTCCCAGCTACTTCGATGTTGTCTACTTGAACCCGGACAGACAGGCTGTGGTTCC  
 TTGTCGGGTGACCGTGTGTCGGCCAAAGTCACGCTCCACAGGGAATTCCAGCCAAGGA  
 GATCCCAGCCAATGGAACGGACATTGTTTATGACATGAAGCGGGGCTTTGTGTATCTGCA  
 ACCTCATTCCGAGCACCAGGGTGTGGTTTACTGCAGGGCGGAGGCCGGGGGCGAGATCTCA  
 GATCTCCGTCAAGTACCAGCTGCTACGTTGGCGGTTCCAGTGGCCCTCCCTCAACAAC  
 CATCTTGGCTTCTTCAAACAAAGTGAAGTGGGACGACATCAGTGTGCTCTGCACTGT  
 CCTGGGGAGCCCGATGTGGAGGTGGAGTTCACCTGGATCTTCCAGGGCAGAAGGATGA  
 AAGGCCTGTGACGATCCAAGACACTTGGAGGTTGATCCACAGAGGACTGGGACACACCAC  
 GAGAATCTCCAGAGTGTATTACAGTGAAGACTTCGAGACGATTGATGCAGGATATTA  
 CATTTGCACTGCTCAGAATCTTCAAGGACAGACCACAGTAGCTACCACTGTTGAGTTTTTC  
 CTGACTTGAAAAAGGAAATGTAATGAACTTATGAAAAGCCATTTGTGTACACAGTCAGC  
 TTTGGGTTTCTTTTATTAGTGCTTTGCCAGAGGCTGATGTCAAGCACCACCCCAACC  
 CCAGCGTCTCGTGAGTCCGACCCAGACATCCAACTAAAAGGAAGTCATCCAGTCTATTTC  
 ACAGAAGTGTAACTTTTCTAACAGAAAGCATGATTTTGATTGCTTACCTACATACGTGT  
 TCCTAGTTTTTATACATGTGTAACAATTTTATATAATCAATCTTTCTATTAATGAGC  
 ACGTTTTTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_006207
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_006207.1</a> , <a href="#">NP_006198.1</a>
<b>RefSeq Size:</b>	1502 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	5157
<b>UniProt ID:</b>	<a href="#">Q15198</a>
<b>Cytogenetics:</b>	8p22
<b>Domains:</b>	ig, IG
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Gene Summary:</b>	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]