

Product datasheet for **MC217877**

Pdgfd (BC030896) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdgfd (BC030896) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdgfd
Synonyms:	1110003I09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC030896 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAACGGCTCGTTTTAGTCTCCATTCTCCTGTGCGCGAACTTTAGCTGCTATCCGGACACTTTTGCGA
CTCCGCAGAGAGCATCCATCAAAGCTTTGCGCAATGCCAACCTCAGGAGAGATGAGAGCAATCACCTCAC
AGACTTGTACCAGAGAGAGGAGAACATTCAGGTGACAAGCAATGGCCATGTGCAGAGTCCCTCGTTCCCG
AACAGCTACCCAAGGAACCTGCTTCTGACATGGTGCTCCGTTCCAGGAGAAAAACCGGATACAACCTGT
CCTTTGACCATCAATTCGGACTAGAGGAAGCAGAAAATGACATTTGTAGGTATGACTTTGTGGAAGTTGA
AGAAGTCTCAGAGAGCAGCACTGTTGTCAGAGGAAGATGGTGTGGCCACAAGGAGATCCCTCCAAGGATA
ACGTCAAGAACAACCAGATTAATAACATTTAAGTCTGATGACTACTTTGTGGCAAACTGGATTCA
AGATTTATTATTCATTTGTGGAAGATCCCAACCGGAAGCAGCCTCAGAGACCAACTGGGAATCAGTCAC
AAGCTCTTCTCTGGGTGTCCTATCACTCTCCATCAATAACGGACCCCACTCTCACTGCTGATGCCCTG
GACAAAAGTGTGCGAGAATTCGATACCGTGGAAGATCTACTTAAGCACTCAATCCAGTGTCTTGGCAAG
ATGATCTGGAGAATTTGTATCTGGACACCCCTCATTATAGAGGCAGGTCATACCATGATCGGAAGTCCAA
AGGTATTGAAGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC030896
Insert Size:	786 bp



[View online »](#)

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:	BC030896 , AAH30896
RefSeq Size:	2870 bp
RefSeq ORF:	785 bp
Locus ID:	71785
Cytogenetics:	9 A1
Gene Summary:	Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing (By similarity). Has oncogenic potential and can induce tumor formation. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. Can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix.[UniProtKB/Swiss-Prot Function]