

Product datasheet for MC211220

Pdgfd (NM_027924) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdgfd (NM_027924) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdgfd
Synonyms:	1110003I09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211220 representing NM_027924 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAACGGCTCGTTTTAGTCTCCATTCTCCTGTGCGCGAACTTTAGCTGCTATCCGGACACTTTTGCGA
CTCCGCAGAGAGCATCCATCAAAGCTTTGCGCAATGCCAACCTCAGGAGAGATGAGAGCAATCACCTCAC
AGACTTGTACCAGAGAGAGGAGAACATTTCAGGTGACAAGCAATGGCCATGTGCAGAGTCTCGTTCGCG
AACAGCTACCCAAGGAACCTGCTTCTGACATGGTGGCTCCGTTCCAGGAGAAAAACGGATAACAAGTGT
CCTTTGACCATCAATTCGACTAGAGGAAGCAGAAAATGACATTTGTAGGTATGACTTTGTGGAAGTTGA
AGAAGTCTCAGAGAGCAGCACTGTTGTCAGAGGAAGATGGTGTGGCCACAAGGAGATCCCTCCAAGGATA
ACGTCAAGAACAACAGATTAAAATCACATTTAAGTCTGATGACTACTTTGTGGCAAAACCTGGATTCA
AGATTTATTATTCATTTGTGGAAGATTTCCAACCGGAAGCAGCCTCAGAGACCAACTGGGAATCAGTCAC
AAGCTCTTTCTCTGGGTGTCCTATCACTCTCCATCAATAACGGACCCCACTCTCACTGCTGATGCCCTG
GACAAAAGTGTGCGAGAATTCGATACCGTGGAAGATCTACTTAAGCACTTCAATCCAGTGTCTTGGAAG
ATGATCTGGAGAATTTGTATCTGGACACCCCTCATTATAGAGGCAGGTCATACCATGATCGGAAGTCCAA
AGTGGACCTGGACAGGCTCAATGATGATGTCAAGCGTTACAGTTGCACTCCAGGAATCACTCTGTGAAC
CTCAGGAGGAGCTGAAGCTGACCAATGCAGTCTTCTCCACGATGCCTCCTCGTGCAGCGCTGTGGTG
GCAACTGTGGTTGCGGAACTGTCAACTGGAAGTCTGACATGCAGCTCAGGGAAGACAGTGAAGAAGTA
TCATGAGGTATTGAAGTTTGAGCCTGGACATTTCAAGAGAAGGGGCAAAGCTAAGAATATGGCTCTGTG
GATATCCAGCTGGATCATCATGAGCGATGTGACTGTATCTGCAGCTCAAGACCACCTCGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1601_g01.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_027924
Insert Size:	1113 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:	NM_027924.2 , NP_082200.1
RefSeq Size:	1795 bp
RefSeq ORF:	1113 bp
Locus ID:	71785
UniProt ID:	Q92517
Cytogenetics:	9 A1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>