

Product datasheet for **RN208331**

Pdgfb (NM_031524) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdgfb (NM_031524) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdgfb
Synonyms:	c-sis; SIS
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208331 representing NM_031524 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAATCGCTGCTGGGCGCTCTCCTGCCTCTCTGCTGCTACCTGCGTCTGGTCAGCGCTGAGGGGGATC
CCATTCCTGAGGAACTCTATGAAATGCTGAGTGACCACTCCATCCGCTCCTTTGATGACCTTCAGCGCT
GCTGCACAGAGACTCCGTAGACGAAGATGGGGCTGAGCTGGACTTGAACATGACCCGAGCACATTCTGGA
GTCGAGTCGGAAGCTCATCTCGAGGGAGGAGGAGCCTAGGGTCTCTGGCTGCAGCAGAGCCTGCCGTAA
TCGCCGAGTGCAAGACGCGTACAGAGGTGTTCCAGATCTCGCGGAACCTCATCGATCGCACCAATGCCAA
CTTCCTGGTGTGGCCGCCTGCGTGGAGGTGCAGCGTCTCGGGCTGCTGCAATAACCGCAATGTGCAG
TGCCGGCCCTCGCAGGTGCAGATGCGGCCGGTGCAGGTGAGAAAGATCGAAATTGTGAGAAAGAAGCCAG
TCTTCAAGAAGGCCACAGTGACCCTGGAGGACCATCTGGCCTGCAAGTGTGAGACAGTAGTGACCCTCG
GCCCCTGACTCGAAGTCTGGGACATCCAGGGAGCATCGAGCCAAGACACCTCAAACCTCGGGTGACCGTT
CGGACGGTGCGAATCCGCCGGCCCCCAAGGGAAGCACCGAAAGTTAAGCACCCCATGACAAGAAGG
CACTGAAGGAGATCCTTGGAGCC**TAG**

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_031524
Insert Size:	726 bp



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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_031524.1 , NP_113712.1
RefSeq Size:	1723 bp
RefSeq ORF:	726 bp
Locus ID:	24628
UniProt ID:	Q05028
Cytogenetics:	7q34
Gene Summary:	may play a role in carotid artery smooth muscle cell proliferation and neointimal formation in response to balloon catheter injury [RGD, Feb 2006]