

Product datasheet for **SC215947**

PDGF beta (PDGFB) (NM_002608) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PDGF beta (PDGFB) (NM_002608) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PDGFB
Synonyms:	c-sis; IBGC5; PDGF-2; PDGF2; SIS; SSV
ACCN:	NM_002608
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC215947 3'UTR clone of NM_002608

The sequence shown below is from the reference sequence of NM_002608. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACGGCACTGAAGGAGACCCTTGGAGCCTAGGGGCATCGGCAGGAGAGTGTGTGGCAGGGTTATTTAAT
ATGGTATTGCTGTATTGCCCCCATGGGTCTTGGAGTGATAAATTGTTTCCCTCGTCCGTCTGTCT
CGATGCCTGATTCGGACGGCCAATGGTCTTCCCCACCCTCCACGTGTCCGTCCACCCTTCCATCAG
CGGGTCTCCTCCAGCGGCTCCGGCTTGGCCAGCAGCTCAAGAAGAAAAAGAGGACTGAAGTCC
ATGCCATCTTCTCCCTAACTCCAAGAACTGGGATAAGAGTGTGAGAGAGACTGATGGGGTCGCTC
TTTGGGGAAACGGGCTCCTTCCCTGCACCTGGCCTGGGCCACACCTGAGCGCTGTGGACTGCCTGA
GGAGCCCTGAGGACCTCTCAGCATAGCCTGCCTGATCCCTGAACCCTGGCCAGCTCTGAGGGGAGGCA
CCTCCAGGCAGGCCAGGCTGCCTCGGACTCCATGGCTAAGACCACAGACGGGCACACAGACTGGAGAAA
ACCCCTCCACGCTGCCAAACACCAGTCACTCGTCTCCTGGTGCCTCTGTGCACAGTGGCTTCTTT
TCGTTTTCGTTTTGAAGACGTGGACTCCTTGGTGGGTGTGGCCAGCACACCAAGTGGCTGGGTGCC
TCTCAGGTGGGTAGAGATGGAGTTGCTGTTGAGGTGGCTGTAGATGGTGACCTGGGTATCCCCTGCC
TCCTGCCACCCCTTCTCCCCACTCCACTCTGATTCACCTCTTCTCTGGTTCCTTTCATCTCTCTA
CCTCCACCCTGCATTTTCTCTTGTCTGGCCCTTCACTGTCTCCACCAAGGGGCTCTTGAACCCCTT
ATTAAGGCCCCAGATGATCCCAGTCACTCTCTAGGGCAGAAGACTAGAGGCCAGGGCAGCAAGGGA
CCTGCTCATCATATTTCAACCCAGCCAGACTGCCATGTAAGGTTGTGCAGGGTGTGACTGCACAAGG
ACATTGTATGCAGGGAGCACTGTTACATCATAGATAAAGCTGATTTGTATATTTATGACAATTTT
TGGCAGATGTAGTAAAGAGGAAAAGGATCCTTTTCTAATTCACACAAAGACTCCTTGTGGACTGGCT
GTGCCCTGATGCAGCCTGTGGCTTGGAGTGGCCAAATAGGAGGGAGACTGTGGTAGGGGAGGGAGGC
AACACTGCTGTCCACATGACCTCCATTTCCCAAAGTCTCTGCTCCAGCAACTGCCCTTCCAGGTGGGT
GTGGGACACTGGGAGAAGGTCTCAAGGGAGGGTGCAGCCCTTGGCCGCACCCTCCCTGCTTGA
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TTCCACCTACTGCACTTTCCCTTCCCGCTTCCAAAACCTGCTTCTCAGTTGTAAAGTCGGTG
ATTATATTTTTGGGGCTTCTTTTATTTTTTAAATGTAATAATTTATTTATATTTCCGATTTAAAGTT
GTAAAAAAAATAACCACAAAACAAAACAAATGAATCCGCCGGAGGCTGTCTGTTGGCATCGTGCGT
GACAATTAACCTTTCTGCCTTGGCAGGATGTGCCGACAGCTTGGCGCGTGTCTCTCACTCTGGGAGC
CTCAGGCGTGATCTCACACACTGGCGTGACATACACACACACACATACATGCTCACACATGCGTGC
ACATACACGCAGGCTGCAACTTGGGGGAGGCCTCTGTCTGGCGGGAAGAAGAGACACACAGGCTACTC
TGTTGGTCTTGGTCTGGCACAGCTCCTGACACGTGGACTTGTGCGTGTCTCTGGCAGTGACGAGAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_002608.4](#)

Summary:

This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit B, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit A. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 17, at sites where this gene and that for collagen type 1, alpha 1 are located, are associated with dermatofibrosarcoma protuberans, a rare skin tumor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

Locus ID:

5155

MW:

73.7