

Product datasheet for **RG219641**

SCDGFB (PDGFD) (NM_025208) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCDGFB (PDGFD) (NM_025208) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SCDGFB
Synonyms:	IEGF; MSTP036; SCDGF-B; SCDGFB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219641 representing NM_025208 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCACCGGCTCATCTTTGTCTACACTCTAATCTGCGCAAACCTTTGCAGCTGTCGGGACACTTCTGCAA
CCCCGAGAGCGCATCCATCAAAGCTTTGCGCAACGCCAACCTCAGGCGAGATGAGAGCAATCACCTCAC
AGACTTGTACCGAAGAGATGAGACCATCCAGGTGAAAGGAAACGGCTACGTGCAGAGTCTAGATCCCCG
AACAGCTACCCAGGAACCTGCTCCTGACATGGCGGCTTCACTCTCAGGAGAATACACGGATACAGCTAG
TGTTTGACAATCAGTTTGATTAGAGGAAGCAGAAAATGATATCTGTAGGTATGATTTTGTGGAAGTTGA
AGATATATCCGAAACCAGTACCATTATTAGAGGACGATGGTGTGGACACAAGGAAGTTCCCTCAAGGATA
AAATCAAGAACGAACCAATTAATAATCACATTCAGTCCGATGACTACTTTGTGGCTAAACCTGGATTCA
AGATTTATTATTCTTTGCTGGAAGATTTCCAACCCGACGAGCTTCCAGAGACCAACTGGGAATCTGTCCAC
AAGCTCTATTTAGGGGTATCCTATAACTCTCCATCAGTAACGGATCCCCTCTGATTGCGGATGCTCTG
GACAAAAAATTCAGAAATTTGATACAGTGGAAGATCTGCTCAAGTACTTCAATCCAGAGTCATGGCAAG
AAGATCTTGAGAATATGTATCTGGACACCCCTCGGTATCGAGGCAGGTCATACCATGACCGGAAGTCAA
AGTTGACCTGGATAGGCTCAATGATGATGCCAAGCGTTACAGTTGCACTCCAGGAATTAATCGGTCAAT
ATAAGAGAAGAGCTGAAGTTGGCCAATGTGGTCTTCTTTCCAGTTGCCCTCCTCGTGCAGCGCTGTGGAG
GAAATTGTGGCTGTGAACTGTCAACTGGAGTCTGACATGCAATTCAGGGAAAACCGTGAAAAAGTA
TCATGAGGTATTACAGTTTGAGCCTGGCCACATCAAGAGGAGGGGTAGAGCTAAGACCATGGCTCTAGTT
GACATCCAGTTGGATCACCATGAACGATGTGATTGTATCTGCAGCTCAAGACCACCTCGA

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

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_025208.5](#)

RefSeq Size: 3870 bp

RefSeq ORF: 1113 bp

Locus ID: 80310

UniProt ID: [Q9GZP0](#)

Cytogenetics: 11q22.3

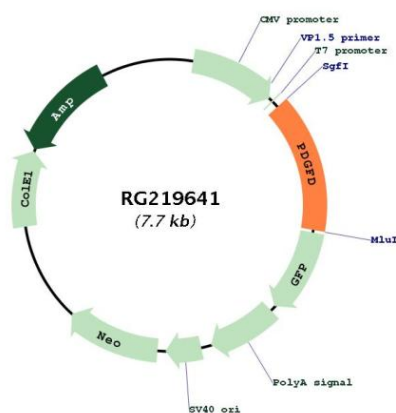
Domains: CUB

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Focal adhesion, Gap junction, Melanoma, Prostate cancer, Regulation of actin cytoskeleton

Gene Summary: The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines, seven of which are found in this factor. This gene product only forms homodimers and, therefore, does not dimerize with the other three family members. It differs from alpha and beta members of this family in having an unusual N-terminal domain, the CUB domain. Two splice variants have been identified for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG219641