

## Product datasheet for **TP760442**

### SCDGF (PDGFD) (NM\_025208) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human platelet derived growth factor D (PDGFD), transcript variant 1, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length PDGFD
Tag:	N-His
Predicted MW:	40.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Bioactivity:	Binding assay (PMID: <a href="#">28254885</a> )
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_079484</a>
Locus ID:	80310
UniProt ID:	<a href="#">Q9GZP0</a>
RefSeq Size:	3870
Cytogenetics:	11q22.3
RefSeq ORF:	1110
Synonyms:	IEGF; MSTP036; SCDGF-B; SCDGF



[View online »](#)

**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]

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

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

**Product images:**