

## Product datasheet for **AR50535PU-N**

### PDGFD (250-370, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PDGFD (250-370, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMSYHDR KSKVDLDRNL DDAKRYSTP RNYSVNIREE LKLANVFFP RCLLVQRGG NCGCGTVNWR SCTCNSGKTV KKYHEVLQFE PGHIKRRGRA KTMALVDIQL DHHERCDCIC SSRPPR
Tag:	His-tag
Predicted MW:	16.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PDGFD protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_079484</a>
Locus ID:	80310
UniProt ID:	<a href="#">Q9GZP0</a>
Cytogenetics:	11q22.3
Synonyms:	IEGF; MSTP036; SCDGF-B; SCDGFB



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**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:**