

# Product information



## PDGFD, 250-370aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1711

**Full name:** Platelet-derived growth factor D

**NCBI Accession No.:** NP\_079484

**Synonyms:** IEGF, MSTP036, SCDGF-B, SCDGFB

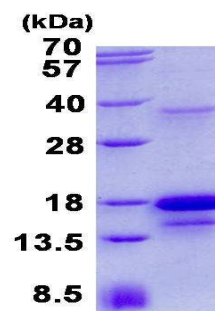
**Description:** Platelet-derived growth factor D, also known as PDGFD, plays an important role in wound healing. This protein induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. This protein can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix. Recombinant human PDGFD protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**Molecular Weight:** 16.6 kDa (146aa)

**Purity:** > 90% by SDS - PAGE

**Concentration:** 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMSYHDR KSKVDLRLN DDAKRYSTP RNYSVNIREE LKLANVVFFP RCLLVQRCGG NCGCGTVNWR  
SCTCNSGKTV KKYHEVLQFE PGHIKRRGRA KTMALVDIQL DHERCDCIC SSRPPR

### General references:

Bergsten E A., *et al.* (2001) *Nat. Cell Biol.* 3:512-516

Uutela M., *et al.* (2004) *Blood.* 104:3198-3204

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



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