

**PDGFB, 82-190aa, Human, His tag, E.coli**

**Cat.NO.: TP03323**

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3th Edition

**Synonyms:**Platelet-derived growth factor subunit B isoform 2, c-sis, IBGC5, PDGF-2, PDGF2, SIS, SSV

**Description:**PDGFB, also known as, Platelet-derived growth factor subunit B isoform 2, is a member of Platelet derived growth factor (PDGF) family. In general, PDGF isoforms are potent mitogens for connective tissue cells, including dermal fibroblasts, glial cells, arterial smooth muscle cells and some epithelial and endothelial cells. In addition to its activity as a mitogen. Aberrant expression is involved in certain cancers, fibroproliferative disorders and atherosclerosis. Recombinant human PDGFB, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol

**Molecular Weight:**14.7kDa (130aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMCKTRTEVFEISRRLIDRTNANFLVPPCVEVQRCSGCCNNRNQCRPTQVQLR  
PVQVRKIEIVRKKPIFKKATVTLEDHLACKCETVAAARPVTRSPGGGSQEQRATPQ

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.