

**PF4V1, 31-104aa, Human, His tag, E.coli**

**Cat.NO.: TP03359**

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3th Edition

**Synonyms:**Platelet factor 4 variant, CXCL4L1, CXCL4V1, PF4-ALT, PF4A, SCYB4V1

**Description:**PF4V1 belongs to the intercrine alpha (chemokine CxC) family. It is a inhibitor of angiogenesis and inhibitor of endothelial cell chemotaxis(in vitro). Binding to heparin is much weaker than in the close homolog PF4/CXCL4. Recombinant human PF4V1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT.

**Molecular Weight:**10.6 kDa (97aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSFARAEAEEDGDLQCLCVKTTTSQVRPRHITSLEVIKAGPHCPTAQLIATLKNG  
RKICLDLQALLYKKIIEKHLES

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/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.