

Product information



PF4V1, 31-104aa

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

Cat. No. IBATGP2655

Full name: Platelet factor 4 variant

NCBI Accession No.: NP_002611

Synonyms: 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.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT.</p> <p>Molecular Weight: 10.6 kDa (97aa) confirmed by MALDI-TOF</p> <p>Purity: > 85% by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p>	<p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> SSGLVPRGSH MGSFARAEAE EDGDLQCLCV KTTSQVRPRH ITSLEVIKAG PHCPTAQLIA TLKNGRKICL DLQALLYKKI IKEHLES</p>	

General references:

Green CJ, Charles RS, *et al.* (1989). *Mol Cell Biol.* 9(4):1445-51.

Eisman R, Surrey S, *et al.* (1990). *Blood.* 76(2):336-44.

Struyf S, Burdick MD, *et al.* (2004). *Circ Res.* 95(9):855-7.

Kuo JH, Chen YP, *et al.* (2013). *J Biol Chem.* 288(19):13522-33.

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.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246

Fax.: (763) 780-2988

Email: info@ibl-america.com

Web: www.ibl-america.com