

AR51475PU-N

Human PF4V1 (31-104, His-tag) - Purified

Alternate names:	C-X-C motif chemokine 4 variant, CXCL4L1, CXCL4V1, PF4alt, PF4var1, Platelet factor 4 variant, SCYB4V1
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P10720
NCBI:	NP_002611
GeneID:	5197
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT.
Description:	Recombinant human PF4V1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSFARAEAE EDGDLQCLCV KTTSQVRPRH ITSLEVIKAG PHCPTAQLIA TLKNGRKICL DLQALLYKKI IKEHLES Molecular weight: 10.6 kDa (97aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	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.

Pictures:

