

## **Product datasheet for AR51475PU-N**

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## PF4V1 (31-104, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** PF4V1 (31-104, His-tag) human recombinant protein, 0.25 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSFARAEAE EDGDLQCLCV KTTSQVRPRH ITSLEVIKAG

or AA Sequence: PHCPTAQLIA TLKNGRKICL DLQALLYKKI IKEHLES

Tag: His-tag

Predicted MW: 10.6 kDa

Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1 mM DTT

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human PF4V1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

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.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** <u>NP 002611</u>

 Locus ID:
 5197

 UniProt ID:
 P10720

 Cytogenetics:
 4q13.3

Synonyms: CXCL4L1; CXCL4V1; PF4-ALT; PF4A; SCYB4V1





**Summary:** The protein encoded by this gene is a chemokine that is highly similar to platelet factor 4. The

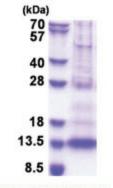
encoded protein displays a strong antiangiogenic function and is regulated by chemokine (C-X-C motif) receptor 3. This protein also impairs tumor growth and can protect against blood-

retinal barrier breakdown in diabetes patients. [provided by RefSeq, Nov 2015]

**Protein Families:** Secreted Protein

**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction

## **Product images:**



15% SDS-PAGE (3ug)