

Product datasheet for **AR51475PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	PF4V1 (31-104, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFARAEAE EDGDLQCLCV KTTSQVRPRH ITSLEVIKAG 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:	NP_002611
Locus ID:	5197
UniProt ID:	P10720
Cytogenetics:	4q13.3
Synonyms:	CXCL4L1; CXCL4V1; PF4-ALT; PF4A; SCYB4V1



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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: