

Product datasheet for **AR50929PU-S**

Platelet factor 4 / PF4 (32-101, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Platelet factor 4 / PF4 (32-101, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MEAEEDGDLQ CLCVKTTTSQV RPRHITSLEV IKAGPHCPTA QLIATLKNR KICLDLQAPL YKKIIKKLLE S
Tag:	His-tag
Predicted MW:	10.0 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, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CXCL4 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_002610
Locus ID:	5196
UniProt ID:	P02776
Cytogenetics:	4q13.3
Synonyms:	PF-4, Iroplact, Oncostatin-A, CXCL4, SCYB4



[View online »](#)

Summary:

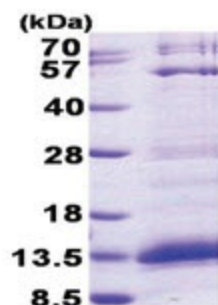
This gene encodes a member of the CXC chemokine family. This chemokine is released from the alpha granules of activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. The protein also exhibits antimicrobial activity against Plasmodium falciparum. [provided by RefSeq, Oct 2014]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images:

15% SDS-PAGE (3ug)