

AR50929PU-N

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

Alternate names:

C-X-C motif chemokine 4, CXCL4, Iroplact, Oncostatin-A, PF-4, SCYB4

Quantity:

0.1 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

CXCL4 is 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.

Uniprot ID:

[P02776](#)

NCBI:

[NP_002610](#)

GeneID:

[5196](#)

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, 2mM DTT

Description:

Recombinant human CXCL4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MEAEEDGDLQ CLCVKTTSQV RPRHITSLEV IKAGPHCPTA
QLIATLKNGR KICLDLQAPL YKKIIKKLLE S

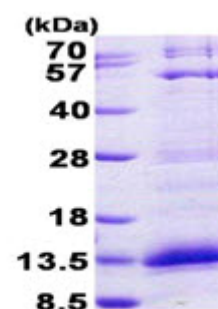
Molecular weight: 10.0 kDa (91aa) confirmed by MALDI-TOF

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:

Zhang X., et al. (1994) Biochemistry 33:8361-8366.

Pictures:


15% SDS-PAGE (3ug)