

Recombinant human PF4/CXCL4 protein

Catalog Number: ATGP2105

PRODUCT INFORMATION

Expression system

E.coli

Domain

32-101aa

UniProt No.

P02776

NCBI Accession No.

NP_002610.1

Alternative Names

Platelet factor 4, C-X-C motif chemokine 4, Iroplact, Oncostatin-A, Chemokine (C-X-C motif) ligand 4, SCYB4

PRODUCT SPECIFICATION

Molecular Weight

10 kDa (91aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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

Recombinant human PF4/CXCL4 protein

Catalog Number: ATGP2105

Amino acid Sequence

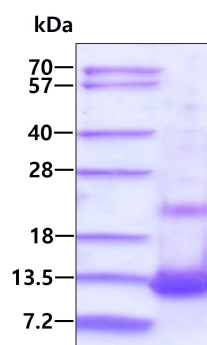
<MGSSHHHHHH SSGLVPRGSH M>EAEEDGDLQ CLCVKTTTSQV RPRHITSLEV IKAGPHCPTA QLIATLKNGR KICLDLQAPL YKKIIKKLLE S

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.