

Active Recombinant Full Length Human PF4 Protein, C-Flag-tagged

Cat. No. PF4-659HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PF4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Cell treatment
Molecular Mass	10.7 kDa
AA Sequence	MSSAAGFCASRPGLLFLGLLLLPLVAFASAEAEEDGDLQCLCVKTTTSQVRPRHITS LEVIKAGPHCPTAQLIATLKNRGIKICLDLQAPLYKKIHKLLLESTRTRPLEQKLISEEDLA ANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
Full Length	Full L.

GENE INFORMATION

Gene Name	PF4 platelet factor 4 [Homo sapiens (human)]
Official Symbol	PF4
Synonyms	PF-4; CXCL4; SCYB4
Gene ID	5196
mRNA Refseq	NM_002619.4
Protein Refseq	NP_002610.1

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MIM	173460
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UniProt ID	P02776
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