

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

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

SPECIFICATION

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|-------------------------|--|
| 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 | MSSAAGFCASRPGLLFLGLLLLPLVVAFASAEAEEDGDLQCLCVKTTTSQVRPRHITS 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

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|------------------------|--|
| 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 |

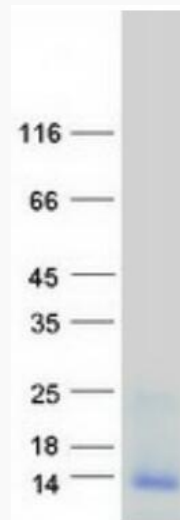
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MIM 173460

UniProt ID P02776



Coomassie blue staining of purified PF4 protein.

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