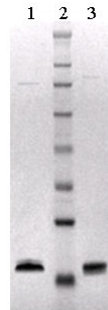


## PF4

### Native Human Platelet Factor 4

<b>Catalog No.</b>	CRP271A CRP271B CRP271C	<b>Quantity:</b>	100 µg 500 µg 1.0 mg
<b>Alternate Names:</b>	CXCL4, C-X-C motif chemokine 4, Oncostatin-A, Iroplact		
<b>Description:</b>	Platelet Factor 4 (PF4) 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. The protein also exhibits antimicrobial activity against Plasmodium falciparum.		
<b>UniProt ID:</b>	P02776		
<b>Gene ID:</b>	5196		
<b>Source:</b>	Human PF-4 is prepared from the supernatant of thrombin-activated platelets.		
<b>Molecular Weight:</b>	29 kDa		
<b>Purification:</b>	Heparin-agarose affinity chromatography		
<b>Purity:</b>	>95% by SDS-PAGE analysis		
<b>Extinction Coefficient:</b>	$E^{0.1\%}_{280nm} = 0.26$		
<b>Formulation:</b>	0.025 M HEPES, 2.0 M NaCl, pH 7.4.		
<b>Concentration:</b>	≥ 2.0 mg/mL		
<b>Specific Activity:</b>	≥ 100 U/mg, defined as 1 unit will neutralize 1 U of heparin in 1 mL of normal plasma. Heparin-neutralizing activity is verified by clotting assay.		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		



1. Human Platelet Factor 4 (1 ug) NR  
2. Molecular Weight Markers  
3. Human Platelet Factor 4 (1 ug) R

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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