

## Native Human Platelet Factor 4

Cat. No. PF4-253H    Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Platelets
<b>Description</b>	A heparin-neutralizing protein which is contained in platelet storage granules. Platelet Factor 4 is released during aggregation, but its actual role in normal or abnormal hemostasis is unknown.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	MW: 27,100
<b>Usage</b>	For research or further manufacturing use only.
<b>Quality Control Test</b>	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
<b>Stability</b>	>1 year
<b>Storage</b>	<=>
<b>Storage Buffer</b>	20 mM Tris, pH 8.3, with 1.5 M NaCl

### GENE INFORMATION

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<b>Gene Name</b>	PF4 platelet factor 4 [ Homo sapiens ]
<b>Official Symbol</b>	PF4
<b>Synonyms</b>	PF4; platelet factor 4; chemokine (C X C motif) ligand 4; CXCL4; SCYB4; iroplact; oncostatin-A; C-X-C motif chemokine 4; chemokine (C-X-C motif) ligand 4; PF-4; MGC138298;
<b>Gene ID</b>	5196
<b>mRNA Refseq</b>	NM_002619
<b>Protein Refseq</b>	NP_002610
<b>MIM</b>	173460
<b>UniProt ID</b>	P02776
<b>Chromosome Location</b>	4q12-q21
<b>Pathway</b>	CXCR3-mediated signaling events, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Common Pathway, organism-specific biosystem;
<b>Function</b>	chemokine activity; heparin binding;

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