

Native Human Platelet Factor 4

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

SPECIFICATION

Product Overview

Species	Human
Source	Human Platelets
Description	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.
Form	Lyophilized
Molecular Mass	MW: 27,100
Usage	For research or further manufacturing use only.
Quality Control Test	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Stability	>1 year
Storage	<=>
Storage Buffer	20 mM Tris, pH 8.3, with 1.5 M NaCl

GENE INFORMATION

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Gene Name	PF4 platelet factor 4 [Homo sapiens]
Official Symbol	PF4
Synonyms	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;
Gene ID	5196
mRNA Refseq	NM_002619
Protein Refseq	NP_002610
MIM	173460
UniProt ID	P02776
Chromosome Location	4q12-q21
Pathway	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;
Function	chemokine activity; heparin binding;