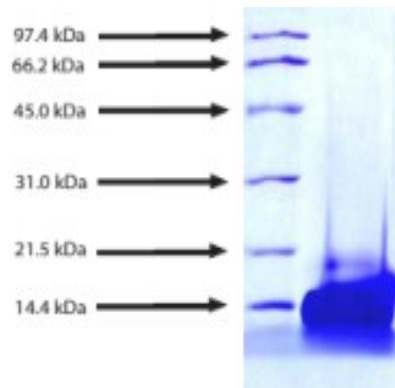


PF4

Native Human Platelet Factor 4

Catalog No.	CRP271A CRP271B CRP271C	Quantity:	100 µg 500 µg 1.0 mg
Alternate Names:	Platelet factor 4, C-X-C motif chemokine 4, CXCL4, Iroplact, Oncostatin-A, SCYB4		
Description:	A heparin-neutralizing protein which is contained in platelet storage granules. Platelet Factor 4 is released during aggregation. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation, the shortened form (Endothelial cell growth inhibitor) is a more potent inhibitor than the longer form.		
UniProt ID:	P02776		
Gene ID:	5196		
Source:	Human platelets		
Molecular Weight:	27.1 kDa homotetramer (7.8 kDa subunits)		
Formulation:	Lyophilized from 20 mM Tris, 1.5 M NaCl, pH 8.3		
Purity:	≥ 95% by SDS-PAGE analysis		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 2.6$		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 -1.0 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Store unopened at -20°C to -80°C for up to 1 year. Upon reconstitution, store aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		
Infectious Disease Statement:	Prepared from platelets shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1&2 by FDA approved methods.		
Country of Origin:	USA		

SDS-PAGE: 12% Tris-HCl gel



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



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com