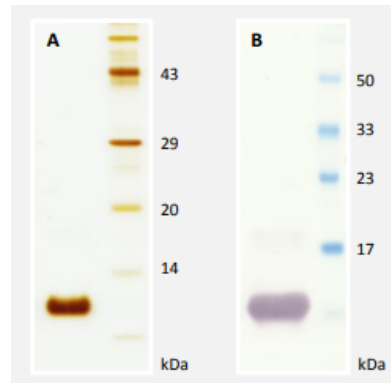


PF4

Native Human Platelet Factor 4

Catalog No.	CRP139A CRP139B	Quantity:	20 µg 1.0 mg
Alternate Names:	Platelet factor 4, PF-4, C-X-C motif chemokine 4, Iroplact, Oncostatin-A		
Description:	Platelet Factor 4 is synthesized in megakaryocytes and platelets. Depending on the protein concentration and buffer conditions, PF4 appears as a mono-, di-, tri-, or tetramer. PF4 is biologically active in the tetrameric form, promotes blood coagulation and is also important in wound healing and inflammation. PF4, together with heparin (PF4-heparin complex) is an important antigen of antibodies inducing heparin-induced thrombocytopenia (HIT). Purified PF4 is used in several laboratory tests for the detection of HIT antibodies.		
UniProt ID:	P02776		
Source:	Human platelets		
Molecular Weight:	7.8 kDa (70 aa) monomer 31.2 kDa tetramer		
Formulation:	Lyophilized from sterile filtered PBS carrier free (also available in HBSS or 1.6 M NaCl)		
Purity:	> 98% as determined by SDS-PAGE with silver staining		
Identity:	Heparin-induced thrombocytopenia (HIT) ELISA Western blot N-terminal sequencing MALDI-TOF-MS		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to a concentration of 1.0 mg/ml. Mix gently and allow time for complete solubilization.		
Storage & Stability:	Store unopened at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

SDS-PAGE & Western Blot



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



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