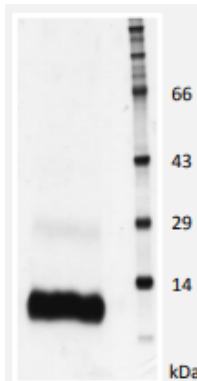


PF4

Recombinant Human Platelet Factor 4 Variant 1

Catalog No.	CSI10734A CSI10734B CSI10734C	Quantity:	50 µg 100 µg 200 µg
Alternate Names:	Platelet factor 4, PF-4, C-X-C motif chemokine 4, Iroplact, Oncostatin-A		
Description:	Platelet Factor 4 (PF4; also known as CXCL4) is synthesized in megakaryocytes and platelets. The mature protein of PF4 Variant 1 (PF4-V1 or CXCL4L1) differs from authentic PF4 only in three carboxy-terminal amino acids. PF4-V1 was shown to exhibit different properties and cellular functions compared to PF4, as well as a different subcellular distribution (38 % difference in the amino acid sequence of the signal peptide).		
UniProt ID:	P02776		
Source:	<i>E. coli</i>		
Molecular Weight:	8.7 kDa monomer, including N-terminal 6x His tag		
Formulation:	Lyophilized from sterile filtered PBS, carrier free. HBSS and 1.6 M NaCl by request.		
Purity:	>95% by SDS-PAGE, Coomassie staining		
Identity:	Western blot, N-terminal sequencing, MALDI-TOF-MS		
Amino Acid Sequence:	MHHHHHHEAEEDGDLQCLCVKTTTSQVRPRHITSLEV IKAGPHCPTAQLIATLKNRGIKICLDLQALLYKKIIEHLES		
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 - PF4 Variant 1, major band at 8.7 kDa and appears as a slight dimer



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

