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32-1980: PF 4 Variant-1 Recombinant Protein

Alternative Name : CXCL4,PF-4,PF4,Iroplact,Oncostatin-A,SCYB4,MGC138298.

Description

Source : Escherichia Coli. CXCL4 Variant-1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 77 amino acids and having a molecular mass of 8.7 kDa. The CXCL4 Variant-1 is fused to 6xHis tag at N-Terminus and purified by standard chromatography techniques. Platelet factor-4 is a 70-amino acid protein that is released from the alpha-granules of activated platelets and binds with high affinity to heparin. Its major physiologic role appears to be neutralization of heparin-like molecules on the endothelial surface of blood vessels, thereby inhibiting local antithrombin III activity and promoting coagulation. As a strong chemoattractant for neutrophils and fibroblasts, PF4 probably has a role in inflammation and wound repair. Oncostatin-A is a member of the CXC chemocinfamily. Human PF4 is used for the proof of heparin-induced thrombocytopenia. Furthermore it is used as an inhibitor in the angiogenesis during tumor therapy.

Product Info

Amount :	5 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The protein was lyophilized without additives.
Storage condition :	Human CXCL4 although stable at 25°C 1 week, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.
Amino Acid :	MHHHHHHEAE EDGDLQCLCV KTTSQVRPRH ITSLEVIKAG PHCPTAQLIA TLKNGRKICL DLQALLYKKI IKEHLES.

Application Note

It is recommended to reconstitute the lyophilized CXCL4 in sterile 18MÃ‚Â©-cm H2O not less than 100Ã‚Âµg/ml, which can then be further diluted to other aqueous solutions.