
Product Data Sheet

Product Name: PF 4 Mouse
 Cat. No.: GP21201
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	CXCL4; PF-4; PF4; Iroplact; Oncostatin-A; SCYB4; MGC138298.		
Amino Acid Sequence	VTSAGPEESD GDLSCVCKT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNGRKICLD RQAPLYKKVI KKILES.		
Solubility	It is recommended to reconstitute the lyophilized CXCL4 in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The Mouse CXCL4 protein was lyophilized from a 0.2μm filtered concentrated solution in 20mM PB, pH 7.4 and 1.0M NaCl.		

Introduction

Platelet factor-4 is a 70-amino acid protein that is released from the alpha-granules of activated platelets. Its major physiologic role appears to be neutralization of molecules on the endothelial surface of blood vessels, thereby inhibiting local 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 chemocin family.

Stability

Lyophilized CXCL4 Mouse Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse CXCL4 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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CXCL4 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 76 amino acids and having a molecular mass of 8.2kDa.

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