

## Platelet Factor-4 Mouse Recombinant (CXCL4)

<b>Item Number</b>	rAP-0249
<b>Synonyms</b>	CXCL4, PF-4, PF4, Iroplact, Oncostatin-A, SCYB4, MGC138298.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q9Z126
<b>Amino Acid Sequence</b>	VTSAGPEESD GDLSCVCVKT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNGRKICLD RQAPLYKKVI KKILES.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered white lyophilized powder. 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.
<b>Formulation and Purity</b>	The Mouse CXCL4 protein was lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH 7.4 and 1.0M NaCl. Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized CXCL4 in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**