

# Bovine PF4 Recombinant Protein



RPPB1239

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## Product Information    Protein Information

**Product SKU:**

RPPB1239

**Accession:**

P02777

**Host:**

Escherichia Coli.

**Protein description:**

Platelet Factor-4 (CXCL4) Bovine Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 88 amino acid and having a molecular mass of approximately 9.5kDa. PF4 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

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

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in 20 mM PB and 500mM NaCl, pH 7.0.

**Purity:**

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Platelet Factor-4 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized CXCL4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Platelet Factor-4 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

ESSFPATFVP LPADSEGGED EDLQCVCLKT TSGINPRHIS SLEVIGAGTH CPSPQLLATK KTGRKICLDQ  
QRPLYKKILK KLLDGDES.

**Biological Activity:**

The biological activity determined by a chemotaxis bioassay using human neutrophils is 10-100ng/ml.