



Murine PF-4 (CXCL4)

Murine Platelet Factor-4, recombinant

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	4745.960.005		
20 µg	4745.960.020		

Please enquire for bulk quantities and other vial sizes.

Description

Recombinant Murine PF-4 (CXCL4) produced in E.Coli is a 8.2 kDa single, non-glycosylated polypeptide chain containing 76 amino acids.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated solution in 20 mM PB, pH 7.4 and 1.0 M NaCl*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

We recommend a quick spin followed by reconstitution in water to a concentration at least 100 µg/ml. **Do not vortex.** This solution can be stored at 2-8°C for up to 1 week or in working aliquots at -20°C to -80°C. Working aliquots should be at the highest practical concentration. For long term storage we recommend to add at least 0.1 % HSA (order number: 2835.955.xyz or 2835.958.xyz) or BSA.

Stability

Lyophilized Murine PF-4 Mouse Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PF-4 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 avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

VTSAGPEESD GDLSCVCVKT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNRKRICLD RQAPLYKKVI
KKILES

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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