

Product datasheet for **TP723363**

Pf4 (NM_019932) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse platelet factor 4 (Pf4).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	VTSAGPEESD GDLSCVCVKT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNGRKICLD RQAPLYKKVI KKILES
Tag:	Tag Free
Predicted MW:	8.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-100.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_064316
Locus ID:	56744
UniProt ID:	Q9Z126
RefSeq Size:	525
Cytogenetics:	5 E1
RefSeq ORF:	315
Synonyms:	Cxcl4; Scyb4



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Summary:

Released during platelet aggregation. Neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images: