

Product datasheet for **MC229777**

Pf4 (NM_019932.4) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pf4 (NM_019932.4) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pf4
Synonyms:	Cxcl4; Scyb4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229777 representing . Blue=ORF Red=Cloning site Green=Tag(s)

```
ATGAGCGTCGCTGCGGTGTTTCGAGGCCTCCGGCCCAGTCTGAGCTGCTGCTTCTGGGCCGTGTTGTTT
CTGCCAGCGGTGGTTGCTGTCACCAGCGCTGGTCCC GAAGAAAGCGATGGAGATCTTAGCTGTGTGTGT
GTGAAGACCATCTCCTCTGGGATCCATCTTAAGCACATCACCAGCCTGGAGGTGATCAAGGCAGGACGC
CACTGTGCGGTTCCCCAGCTCATAGCCACCCTGAAGAATGGGAGGAAAATTTGCCTGGACCGGCAAGCA
CCCCTATATAAGAAAGTAATCAAGAAAATCCTGGAGAGT TAG
```

Restriction Sites:	Sfil-Sfil
ACCN:	NM_019932.4
Insert Size:	318 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_019932.4](#)

RefSeq Size: 615 bp

RefSeq ORF: 318 bp

Locus ID: 56744

UniProt ID: [Q9Z126](#)

Cytogenetics: 5 E1

MW: 11.2 kDa

Gene 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]