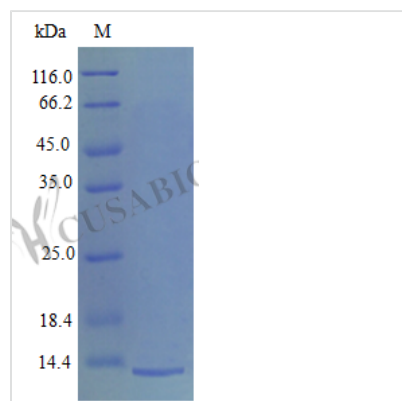




Recombinant Mouse Platelet factor 4 (Pf4) (Active)

Product Code	CSB-AP001101MO
Abbreviation	Recombinant Mouse Pf4 protein (Active)
Uniprot No.	Q9Z126
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm sterile filtered 20 mM PB, 1.5 M NaCl, pH 7.4.
Product Type	Chemokine
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human neutrophils is in a concentration of 10-100ng/ml.
Purity	>97% as determined by SDS-PAGE.
Sequence	VTSAGPEESD GDLSCVCVKT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNGRKICLD RQAPLYKKVI KKILES
Research Area	Immunology
Source	E.coli
Target Names	Pf4
Expression Region	30-105aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	8.2 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	10319581; 11468158; 21183079

Image



Endotoxin Less than 1.0 EU/μg as determined by LAL method.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.