Recombinant Rabbit PF4 Protein, His-tagged

Cat. No. PF4-2400R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit PF4 Protein (Glu32-Ser101) with a N-His tag was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	Glu32-Ser101
Description	This gene encodes a member of the CXC chemokine family. This chemokine is released from the alpha granules of activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. The protein also exhibits antimicrobial activity against Plasmodium falciparum.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 7.7 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	LOC100008921 platelet microbicidal protein 1 [Oryctolagus cuniculus (rabbit)]
Official Symbol	PF4
Synonyms	LOC100008921; platelet microbicidal protein 1; platelet factor 4
Gene ID	100008921
mRNA Refseq	NM_001082162
Protein Refseq	NP_001075631
UniProt ID	P02776

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA