

Datasheet for ABIN7092768

PF4 Protein (AA 32-101) (Fc Tag)



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1 Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | PF4 |
| Protein Characteristics: | AA 32-101 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PF4 protein is labelled with Fc Tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant Human CXCL4 with C-terminal human Fc tag |
| Specificity: | CXCL4 (Glu32-Ser101) hFc (Glu99-Ala330) |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|---|
| Target: | PF4 |
| Alternative Name: | CXCL4 (PF4 Products) |
| Background: | This gene encodes a member of the CXC chemokine family. This chemokine is released from |

Target Details

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. [provided by RefSeq, Oct 2014]

Molecular Weight: predicted molecular mass of 33.9 kDa after removal of the signal peptide. The apparent molecular mass of CXCL4-hFc is 35-55 kDa due to glycosylation.

UniProt: [P02776](#)

Application Details

Restrictions: For Research Use only

Handling

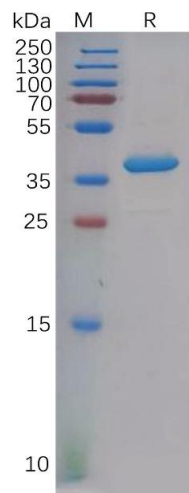
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human C Protein, hFc Tag on SDS-PAGE under reducing condition.