

## **PRODUCT INFORMATION**

CXCL10 **Target** 

**Synonyms** Gamma-IP10;IP-10;SCYB10;INP10

Recombinant Cynomolgus CXCL10 protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** F7H741 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

Storage & Shipping

**Background** 

CXCL10(Ile22-Pro98) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 

34.8 kDa after removal of the signal peptide. The apparent molecular mass of cCXCL10-hFc is approximately 25-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

(C-X-C motif) ligand (CXCL)10 (CXCL10) belongs to the ELR(-) CXC subfamily chemokine.

CXCL10/IP-10 exerts its function through binding to chemokine (C-X-C motif) receptor 3 (CXCR3), a seven trans-membrane receptor coupled to G proteins. CXCL10/IP-10 and its receptor, CXCR3, appear to contribute to the pathogenesis of many autoimmune diseases, organ specific (such as type 1 diabetes, autoimmune thyroiditis, Graves' disease and ophthalmopathy), or systemic (such

as rheumatoid arthritis, psoriatic arthritis,

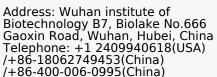
systemic lupus erythematosus, mixed cryoglobulinemia, Sj?gren syndrome, or systemic sclerosis). CXCL10/IP-10 is secreted by several cell types including endothelial cells, fibroblasts, lengthese the three states are adjacented. keratinocytes, thyrocytes, preadipocytes, etc. Determination of high level of CXCL10/IP-10 in peripheral fluids is therefore a marker of host

immune response.

**Usage** Research use only

Conjugate Unconjugated

Email: info@dimabio.com Website: www.dimabio.com





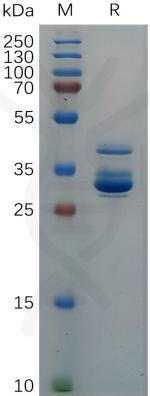


Figure 1. Cynomolgus CXCL10 Protein, hFc Tag on SDS-PAGE under reducing condition.

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