

## **PRODUCT INFORMATION**

CXCL9 **Target** 

**Synonyms** CMK;crg-10;Humig;MIG;SCYB9

Recombinant Human CXCL9 Protein with N-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q07325 **Expression Host HEK293** 

Tag N-Human Fc Tag

Molecular

Storage & Shipping

**Background** 

hFc(Glu99-Ala330) CXCL9(Thr23-Thr125) Characterization

The protein has a predicted molecular mass of

37.9 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of hFc-CXCL9 is

approximately 35-55 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.

This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory

processes. The protein encoded is thought to be involved in T cell trafficking. The encoded protein binds to C-X-C motif chemokine 3 and is a chemoattractant for lymphocytes but not for neutrophils. [provided by RefSeq, Aug 2020]

**Usage** Research use only

Conjugate Unconjugated









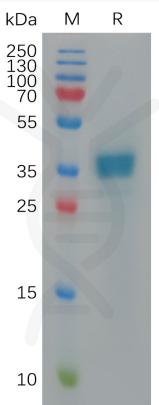


Figure 1. Human CXCL9 Protein, hFc Tag on SDS-PAGE under reducing condition.

## Human CXCL9 Protein, hFc Tagged protein ELISA

0.2 μg of Human CXCR3, mFc tagged protein per well

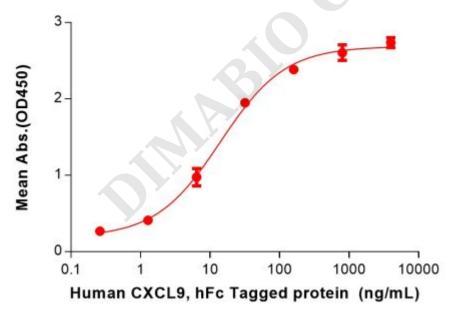


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CXCR3 Protein, mFc Tag (PME100799) can bind Human CXCL9 Protein, hFc Tag (PME100936) in a linear range of 1.28–32 ng/mL.



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