

**PRODUCT INFORMATION**

<b>Target</b>	CXCL9
<b>Synonyms</b>	CMK;crg-10;Humig;MIG;SCYB9
<b>Description</b>	Recombinant Human CXCL9 Protein with N-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q07325
<b>Expression Host</b>	HEK293
<b>Tag</b>	N-Human Fc Tag
<b>Molecular Characterization</b>	hFc(Glu99-Ala330) CXCL9(Thr23-Thr125)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 37.9 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CXCL9 is approximately 35-55 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



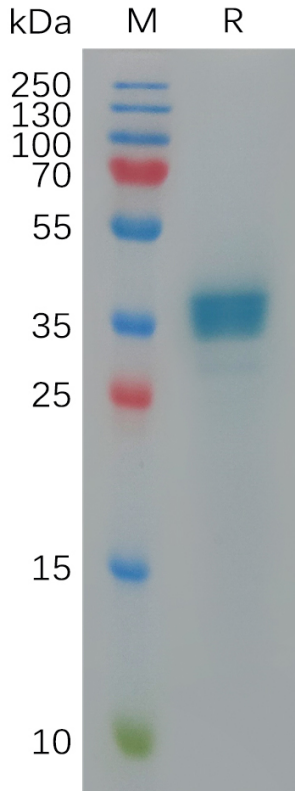


Figure 1. Human CXCL9 Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human CXCL9 Protein, hFc Tagged protein ELISA

0.2  $\mu$ g of Human CXCR3, mFc tagged protein per well

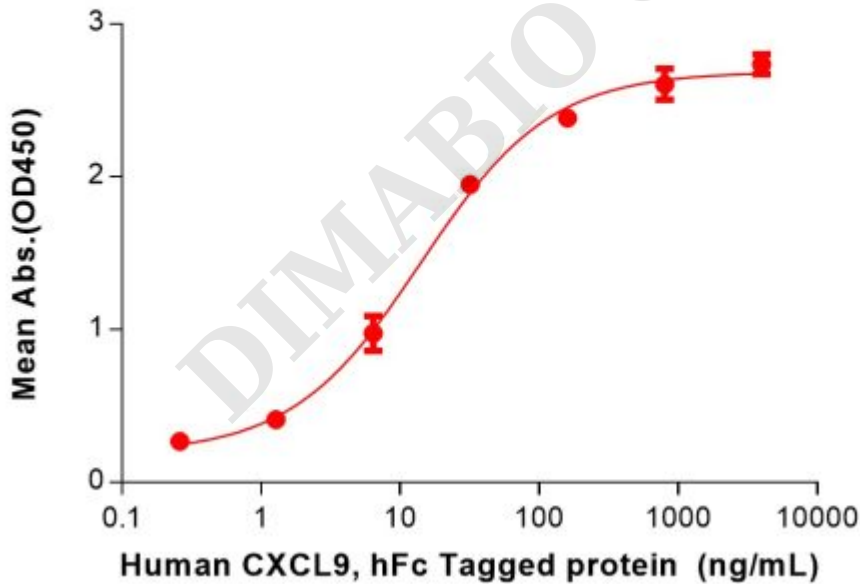


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CXCR3 Protein, mFc Tag (PME100799) can bind Human CXCL9 Protein, hFc Tag (PME100936) in a linear range of 1.28-32 ng/mL.

