PRODUCT INFORMATION

Target	CXCL9
Synonyms	CMK;crg-10;Humig;MIG;SCYB9
Description	Recombinant Human CXCL9 Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q07325
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) CXCL9(Thr23-Thr125)
Molecular Weight	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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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

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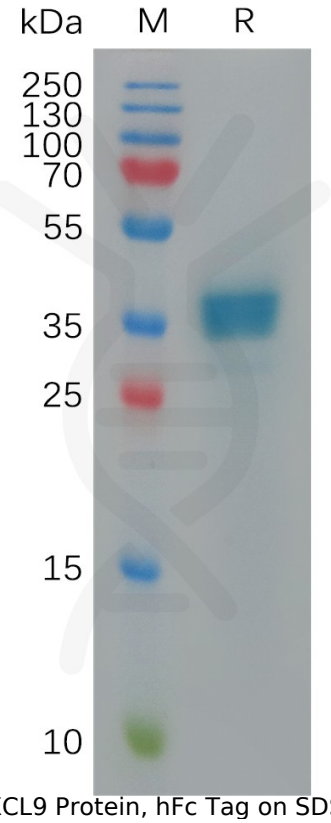


Figure 1. Human CXCL9 Protein, hFc Tag on SDS-PAGE under reducing condition.

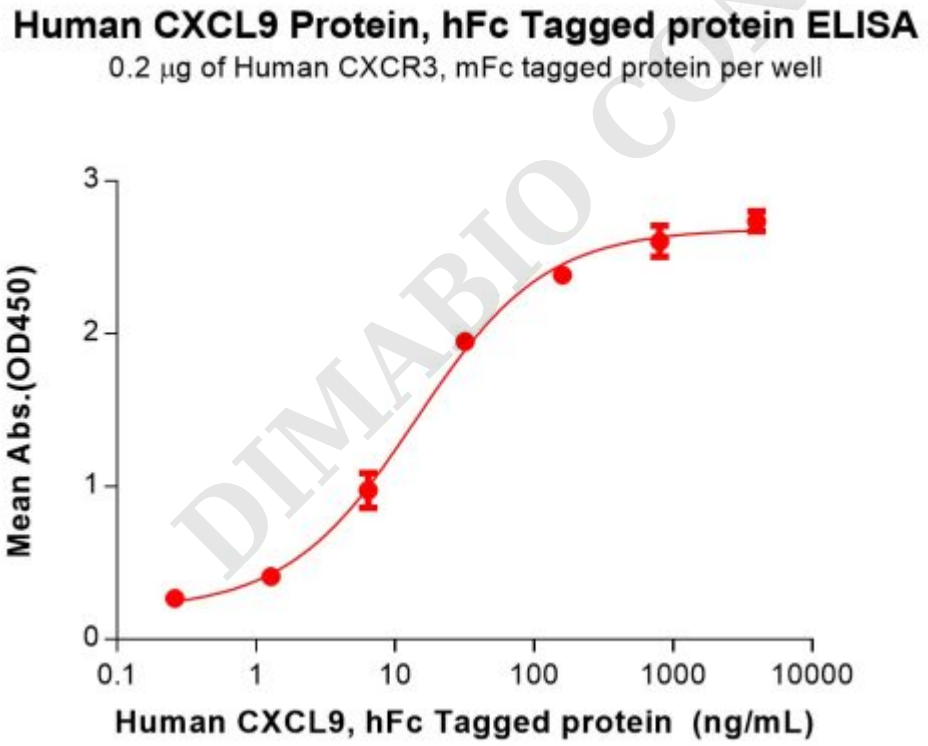


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CXCR3 Protein, mFc Tag (PME100799) can bind Human CXCL9 Protein, hFc Tag (PME100936) in a linear range of 1.28–32 ng/mL.

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