

HUMAN CXCL9 PROTEIN, HFC TAG

Cat.#: 11680

Product Name: Human CXCL9 Protein

Size: 10 µg, 50 µg and 100 µg

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

Target: CXCL9

UNIPROT ID: Q07325

Description: Recombinant Human CXCL9 Protein with N-terminal human Fc tag

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]

Species/Host: HEK293

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.

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

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.



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