

HUMAN CCL19 PROTEIN, HFC TAG

Cat.#: 11895

Product Name: Human CCL19 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Ckb11;ELC;MIP-3b;MIP3B;SCYA19

Target: CCL19

UNIPROT ID: Q99731

Description: Recombinant Human CCL19 Protein with C-terminal human Fc tag

Background: This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7. [provided by RefSeq, Sep 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 34.9 kDa after removal of the signal peptide. The apparent molecular mass of CCL19-hFc is approximately 25-55 kDa due to glycosylation.

Molecular Characterization: CCL19(Gly22-Ser98) hFc(Glu99-Ala330)

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.

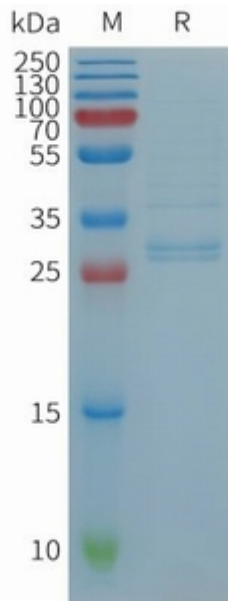


Figure 1. Human CCL19 Protein, hFc Tag on SDS-PAGE under reducing condition.