HUMAN CXCL16 PROTEIN, HFC TAG

Cat.#: 11750

Product Name: Human CXCL16 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CXCLG16;SR-PSOX;SRPSOX

Target: CXCL16

UNIPROT ID: Q9H2A7

Description: Recombinant Human CXCL16 Protein with N-terminal human Fc tag

Background: Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 45.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CXCL16 is approximately 70-100 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) CXCL16(Asn30-Thr205)

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.

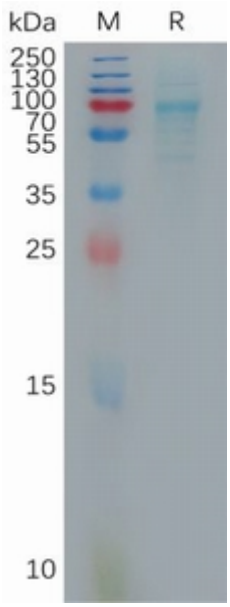

Figure 1. Human CXCL16 Protein, hFc Tag on SDS-PAGE under reducing condition.