PRODUCT INFORMATION

Target	CXCL16
Synonyms	CXCLG16;SR-PSOX;SRPSOX
Description	Recombinant Human CXCL16 Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9H2A7
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) CXCL16(Asn30-Thr205)
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.
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	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]
Usage	Research use only
Conjugate	Unconjugated

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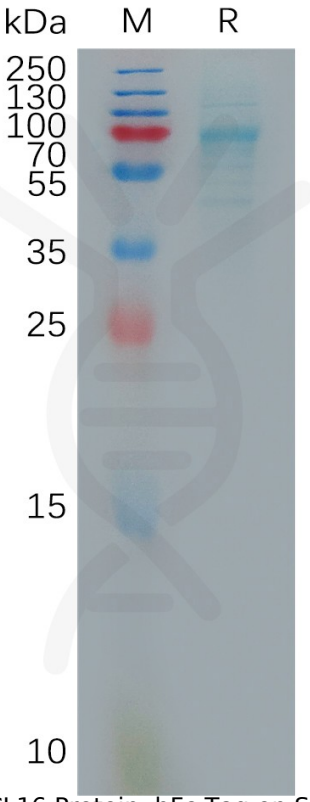


Figure 1. Human CXCL16 Protein, hFc Tag on SDS-PAGE under reducing condition.

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