

Human CXCL16 Protein, Fc Tag

Catalog # CX6-H5254



BIOSYSTEMS
Acro

Synonym

CXCLG16, SR-PSOX, SRPSOX, C-X-C motif chemokine ligand 16

Source

Human CXCL16, Fc Tag (CX6-H5254) is expressed from human 293 cells (HEK293). It contains AA Asn 30 - Thr 205 (Accession # [Q9H2A7-1](#)).

Molecular Characterization

CXCL16(Asn 30 - Thr 205) Q9H2A7-1	Fc(Pro 100 - Lys 330) P01857
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This protein carries a human IgG1 Fc tag at the C-terminus.

The protein has a calculated MW of 45.7 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

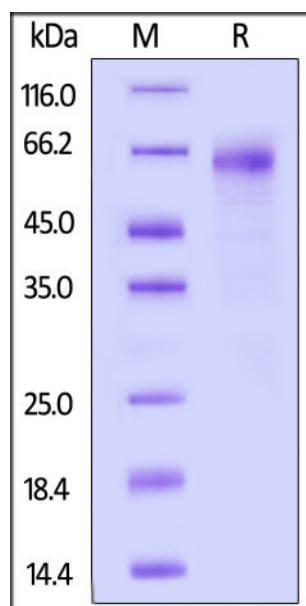
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



Human CXCL16, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

Background

CXCL16 is a unique chemokine existing as both a transmembrane adhesion molecule and a soluble chemoattractant for CXCR6⁺ T cells. It acts as a scavenger receptor for oxidized LDL (atherosclerosis) and mediates lymphocyte recruitment to inflamed liver. It is a key player in NASH pathogenesis and anti-tumor T-cell retention.

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