

CXCL16 recombinant protein

Human CXCL16 Protein, hFc Tag

CATALOG #
AAA47391

HOST
HEK293 cells

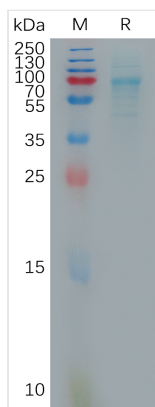
PRODUCT SYNONYMS

CXCL16; Human CXCL16 Protein; hFc Tag; CXCLG16; SR-PSOX; SRPSOX; CXCL16 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than or equal to 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Dried white powder; Lyophilized from sterile PBS, pH 7.4 ± 0.5. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Sequence	CXCL16(Asn 30-Thr205) +hFc(GLU99 -ALA330)
Reconstitution	1. Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5 min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube. 2. Dissolved lyophilized protein sample in sterile water based on the recommended volume 4.01uL. 3. After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette sample.
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) CXCL16(Asn30-Thr205)
Conjugate	Unconjugated
Preparation and Storage	Store at -20°C to -80°C in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). For long term storage, glycerol can be added to a final concentration of 50% and stored at -20°C.

IMAGES



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for CXCL16 recombinant protein	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]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154816176
NCBI GeneID	58191
NCBI Accession #	NP_071342.2
NCBI GenBank Nucleotide #	NM_022059.3
UniProt Accession #	Q9H2A7; Q8TC80; Q96K63; Q9BXD6; Q9H2F6; A0N0N4; A8K7U9; B2RCB0
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.
NCBI Official Full Name	C-X-C motif chemokine 16
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 16
NCBI Official Symbol	CXCL16
NCBI Official Synonym Symbols	SRPSOX; CXCLG16; SR-PSOX
NCBI Protein Information	C-X-C motif chemokine 16; CXC chemokine ligand 16; small-inducible cytokine B16; transmembrane chemokine CXCL16; scavenger receptor for phosphatidylserine and oxidized low density lipoprotein
UniProt Protein Name	C-X-C motif chemokine 16
UniProt Gene Name	CXCL16
UniProt Synonym Gene Names	SCYB16; SRPSOX; SR-PSOX
UniProt Entry Name	CXL16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cxcl16-recombinant-protein-hek293-cells/47391>