

Recombinant Human CXCL16 Protein, His-tagged

Cat. No. CXCL16-881H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL16 Protein (Asn30-Pro118) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn30-Pro118
Description	Enables chemokine activity. Involved in several processes, including positive regulation of cell growth; response to interferon-gamma; and response to tumor necrosis factor. Located in extracellular space. Biomarker of COVID-19 and systemic scleroderma.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.9 kDa; Accurate Molecular Mass: 15 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

CXCL16 chemokine (C-X-C motif) ligand 16 [Homo sapiens (human)]

Official Symbol

CXCL16

Synonyms

CXCL16; chemokine (C-X-C motif) ligand 16; C-X-C motif chemokine 16; CXC chemokine ligand 16; CXCLG16; SR PSOX; SRPSOX; small-inducible cytokine B16; transmembrane chemokine CXCL16; scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; SR-PSOX;

Gene ID

58191

mRNA Refseq

NM_001100812

Protein Refseq

NP_001094282

MIM

605398

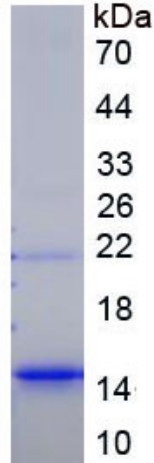
UniProt ID

Q9H2A7

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