

Active Recombinant Human CXCL16, His-tagged

Cat. No. CXCL16-330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL16 (Accession # AAH44930) Asn49-Thr224, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	49-224 a.a.
Predicted N Terminal	Asn49
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CXCR6. Matloubian, M. et al. (2000) Nat. Immunol. 1:298. The ED50 for this effect is typically 10 - 50 ng/mL.
Molecular Mass	Recombinant Human CXCL16, His-tagged has a calculated MW of 20 kDa. In SDS-PAGE migrates as 40-45 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

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

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

Chromosome Location 17p13

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