Active Recombinant Human CXCL16 Protein

Cat. No. CXCL16-82H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL16 Protein(NP_071342)(49-137 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	49-137 aa
Form	Lyophilized from 0.2 μm filtered concentrated solution in PBS.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CXCR6. The ED50 for this effect is 2.5-12 ng/mL.
Molecular Mass	Approximately 10 kDa, a single non-glycosylated polypeptide chain containing 89 amino acids.
Endotoxin	Less than 1.0 EU/μg of rHuCXCL16 as determined by LAL method.
Purity	> 97 % by SDS-PAGE analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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

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