Active Recombinant Human CXCL16 protein, His-tagged

Cat. No. CXCL16-1108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL16 protein(NP_071342.2)(Met1-Thr224), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Thr224
Form	Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CXCR6. The ED50 for this effect is 50-250 ng/mL.
Molecular Mass	The recombinant human CXCL16 consists of 187 amino acids and predicts a molecular mass of 20.5 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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