

Recombinant Rat CXCL16 Protein, His-tagged

Cat. No. CXCL16-1083R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat CXCL16 (Q6AXU5) extracellular domain (Met 1-Ala 198) was expressed, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-198 a.a.
Predicted N Terminal	Asn 27
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat CXCL16 comprises 183 amino acids and predicts a molecular mass of 20.4 kDa. The apparent molecular mass of the rat CXCL16 is approximately 42 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>98 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 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 [*Rattus norvegicus*]

Official Symbol CXCL16

Synonyms CXCL16; chemokine (C-X-C motif) ligand 16; C-X-C motif chemokine 16; small-inducible cytokine B16; transmembrane chemokine CXCL16;

Gene ID 497942

mRNA Refseq NM_001017478

Protein Refseq NP_001017478

MIM

UniProt ID

Pathway Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytok

Function chemokine activity; chemokine activity; low-density lipoprotein receptor activity; low-density lipoprotein receptor activity; scavenger receptor activity; scavenger receptor activity;

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