

## Recombinant Mouse Cxcl16 Protein, His-tagged

**Cat. No.** Cxcl16-883M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cxcl16 Protein (Val31-Pro241) with His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val31-Pro241
<b>Description</b>	Enables chemokine activity; low-density lipoprotein particle receptor activity; and scavenger receptor activity. Involved in T cell chemotaxis and cellular response to lipopolysaccharide. Located in extracellular space. Is integral component of membrane. Is expressed in bladder; female associated reproductive structure; hindbrain meninges; male associated reproductive structure; and spinal cord meninges. Orthologous to human CXCL16 (C-X-C motif chemokine ligand 16).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 53.1 kDa; Accurate Molecular Mass: 58 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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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 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**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

Cxcl16 chemokine (C-X-C motif) ligand 16 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Cxcl16

**Synonyms**

CXCL16; chemokine (C-X-C motif) ligand 16; C-X-C motif chemokine 16; SR-PSOX/CXCL16; Cxc chemokine ligand 16; small-inducible cytokine B16; transmembrane chemokine CXCL16; zinc finger, MYND-type containing 15; scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; SR-PSOX; Zmynd15; AV290116; BB024863; CXCL16v1; CXCL16v2; 0910001K24Rik;

**Gene ID**

66102

**mRNA Refseq**

NM\_023158

**Protein Refseq**

NP\_075647

**UniProt ID**

Q8BSU2

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