

Active Recombinant Mouse Cxcl16 Protein (Asn27-Pro114), N-His tagged, Animal-free, Carrier-free

Cat. No. Cxcl16-284M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cxcl16 Protein (Asn27-Pro114) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Asn27-Pro114
Description	C-X-C motif chemokine 16 (CXCL16) is a chemokine of the intercrine alpha family which is a 9.8 kDa protein containing 88 amino acid residues. In mediate the innate immunity, CXCL16 is a chemotaxis for T cells and NKT cells, which expressed the CXC chemokine receptor (CXCR) 6. CXCL16 also can be enhanced the expression level by the TNFα, IL-1 and IFNγ. CXCL16 protects the host by against the gram positive and gram negative bactreials.
Form	Lyophilized
Bio-activity	Measure by its ability to chemoattract BaF3 cells transfected with mouse CXCR6. The ED50 for this effect is < 3 ng/mL.
Molecular Mass	The protein has a calculated MW of 10.74 kDa. The protein migrates as 11-17 kDa under reducing condition (SDS-PAGE analysis).

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Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

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

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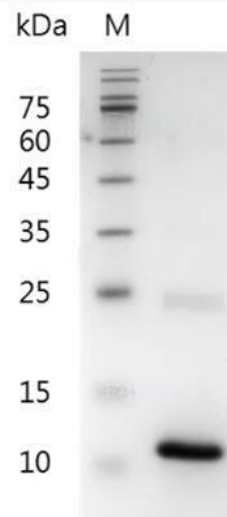
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mRNA Refseq NM_023158

Protein Refseq NP_075647

UniProt ID Q8BSU2

SDS-PAGE analysis
of recombinant
mouse CXCL16.



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