Active GMP Recombinant Mouse Cxcl16 Protein, His-Tagged

Cat. No. Cxcl16-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Cxcl16 Protein, His-Tagged was expressed in Escherichia coli cell-derived in an animal component free process under cGMP guidelines.
Species	Mouse
Source	E.coli
Description	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).
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.
AA Sequence	NQGSVAGSCSCDRTISSGTQIPQGTLDHIRKYLKAFHRCPFFIRFQLQSKSVCGGSQ DQWVRELVDCFERKECGTGHGKSFHHQKHLP with polyhistidine tag at the N-termi nus
Endotoxin	<0.1 EU per 1 μg of the protein by the LAL method.

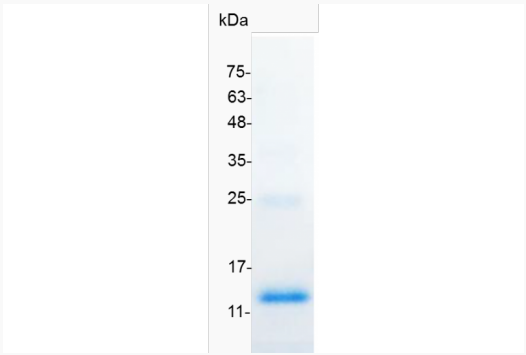
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Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Notes	Please use within one month after protein reconstitution.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

GENE INFORMATION

Gene Name	Cxcl16 chemokine (C-X-C motif) ligand 16 [Mus musculus (house mouse)]
Official Symbol	Cxcl16
Synonyms	SR-PSOX; Zmynd15; CXCL16v1; CXCL16v2; b2b498Clo; 0910001K24Rik
Gene ID	66102
mRNA Refseq	NM_023158.7
Protein Refseq	NP_075647.3
UniProt ID	Q8BSU2

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