

Active GMP Recombinant Mouse Cxcl11 Protein, His-Tagged

Cat. No. Cxcl11-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Cxcl11 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	Predicted to enable CXCR chemokine receptor binding activity and chemokine activity. Predicted to be involved in several processes, including cellular response to lipopolysaccharide; chemokine-mediated signaling pathway; and neutrophil chemotaxis. Predicted to be active in extracellular space. Is expressed in head; nasal cavity epithelium; palatal shelf epithelium; palatal shelf mesenchyme; and testis. Orthologous to human CXCL11 (C-X-C motif chemokine ligand 11).
Form	Lyophilized
Bio-activity	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR3. The ED50 for this effect is <10 ng/mL.
AA Sequence	FLMFKQGRCLCIGPGMKAVKMAEIEKASVIYPSNGCDKVEVIVTMKAHKRQRCLDPR SKQARLIMQAIEKKNFLRRQNM with polyhistidine tag at the N-terminus
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography

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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 H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

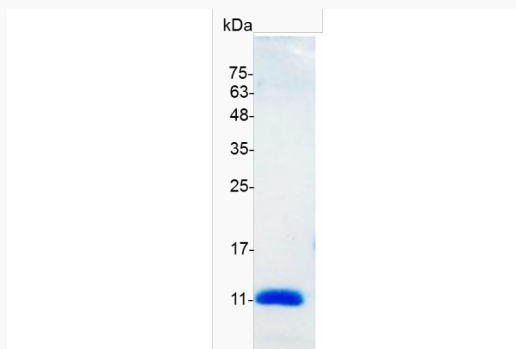
GENE INFORMATION

Gene Name	Cxcl11 chemokine (C-X-C motif) ligand 11 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cxcl11
Synonyms	Ip9; H174; Itac; b-R1; Cxc11; I-tac; Scyb11; Scyb9b; betaR1
Gene ID	56066
mRNA Refseq	NM_019494.1
Protein Refseq	NP_062367.1
UniProt ID	Q9JHH5

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