

## Recombinant Hamster Cxcl13 Protein, His-tagged

**Cat. No.** Cxcl13-2772H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Hamster Cxcl13 Protein (Ile22-Ala111) with N-His tag was expressed in E. coli.
<b>Species</b>	Hamster
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile22-Ala111
<b>Description</b>	B lymphocyte chemoattractant, independently cloned and named Angie, is an antimicrobial peptide and CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR-1). It may therefore function in the homing of B lymphocytes to follicles.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 13.7 kDa Accurate Molecular Mass: 16 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cxcl13 C-X-C motif chemokine ligand 13 [ Cricetulus griseus (Chinese hamster) ]</a>
<b>Official Symbol</b>	<a href="#">Cxcl13</a>
<b>Synonyms</b>	Cxcl13; C-X-C motif chemokine ligand 13; C-X-C motif chemokine 13; c-X-C motif chemokine 13-like protein; chemokine (C-X-C motif) ligand 13; SCYB13; BLC; BCA1; BLR1L; ANGIE; ANGIE2; Chemokine(C-X-C-Motif)ligand 13; Small Inducible Cytokine B Subfamily(Cys-X-Cys Motif)Member 13
<b>Gene ID</b>	<a href="#">100773550</a>
<b>mRNA Refseq</b>	<a href="#">XM_003512697</a>
<b>Protein Refseq</b>	<a href="#">XP_003512745</a>

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