

Recombinant Hamster Cxcl13 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Hamster Cxcl13 Protein (Ile22-Ala111) with N-His tag was expressed in E. coli.
Species	Hamster
Source	E.coli
ProteinLength	Ile22-Ala111
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.7 kDa Accurate Molecular Mass: 16 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	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.
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 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Cxcl13 C-X-C motif chemokine ligand 13 [<i>Cricetulus griseus</i> (Chinese hamster)]
Official Symbol	Cxcl13
Synonyms	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
Gene ID	100773550
mRNA Refseq	XM_003512697
Protein Refseq	XP_003512745

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