

Recombinant Human CXCL13 293 Cell Lysate

Cat. No. CXCL13-7170HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for chemokine (C-X-C motif) ligand 13 (CXCL13) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name CXCL13 chemokine (C-X-C motif) ligand 13 [Homo sapiens]

Official Symbol CXCL13

Synonyms CXCL13; chemokine (C-X-C motif) ligand 13; SCYB13, small inducible cytokine B subfamily (Cys X Cys motif), member 13 (B cell chemoattractant); C-X-C motif chemokine 13; ANGIE; ANGIE2; B cell chemoattractant; BCA 1; BLC; BLR1L; CXC chemokine BLC; B-cell chemoattractant; B-lymphocyte chemoattractant; b lymphocyte chemoattractant; small-inducible cytokine B13; B-cell-attracting chemokine 1; b cell-attracting chemokine 1; chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant); B-cell-homing chemokine (ligand for Burkitts lymphoma receptor-1); small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant); BCA1; BCA-1; SCYB13;

Gene ID 10563

mRNA Refseq NM_006419

Protein Refseq NP_006410

MIM 605149

UniProt ID O43927

Chromosome Location 4q21

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Pathway

CXCR3-mediated signaling events, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

Function

CCR10 chemokine receptor binding; CXCR3 chemokine receptor binding; CXCR5 chemokine receptor binding; chemokine activity; fibroblast growth factor binding; heparin binding; protein heterodimerization activity; receptor agonist activity;

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