

Recombinant Human CXCL14 293 Cell Lysate

Cat. No. CXCL14-7169HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chemokine (C-X-C motif) ligand 14 (CXCL14) 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.

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

GENE INFORMATION
Gene Name

CXCL14 chemokine (C-X-C motif) ligand 14 [Homo sapiens]

Official Symbol

CXCL14

Synonyms

CXCL14; chemokine (C-X-C motif) ligand 14; SCYB14, small inducible cytokine subfamily B (Cys X Cys), member 14 (BRAK); C-X-C motif chemokine 14; BMAC; bolekin; BRAK; breast and kidney; Kec; KS1; MIP 2g; NJAC; MIP-2 gamma; chemokine BRAK; tumor-suppressing chemokine; small-inducible cytokine B14; CXC chemokine in breast and kidney; small inducible cytokine subfamily B (Cys-X-Cys), member 14 (BRAK); KEC; MIP2G; MIP-2g; SCYB14; MGC10687;

Gene ID

9547

mRNA Refseq

NM_004887

Protein Refseq

NP_004878

MIM

604186

UniProt ID

O95715

Chromosome Location

5q31

Pathway

Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling

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pathway, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;

Function

chemokine activity;

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