

Recombinant Human CX3CR1 293 Cell Lysate

Cat. No. CX3CR1-7173HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chemokine (C-X3-C motif) receptor 1 (CX3CR1), transcript variant 4 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

CX3CR1 chemokine (C-X3-C motif) receptor 1 [Homo sapiens]

Official Symbol

CX3CR1

Synonyms

CX3CR1; chemokine (C-X3-C motif) receptor 1; chemokine (C X3 C) receptor 1 , CMKBRL1, GPR13; CX3C chemokine receptor 1; CCRL1; CMKDR1; V28; CMK-BRL1; CMK-BRL-1; C-X3-C CKR-1; fractalkine receptor; G protein-coupled receptor 13; G-protein coupled receptor 13; chemokine (C-X3-C) receptor 1; beta chemokine receptor-like 1; chemokine (C-C) receptor-like 1; GPR13; GPRV28; CMKBRL1;

Gene ID

1524

mRNA Refseq

NM_001171171

Protein Refseq

NP_001164642

MIM

601470

UniProt ID

P49238

**Chromosome
Location**

3p21.3

Pathway

Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway,

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conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; GPCR ligand binding, organism-specific biosystem;

Function

C-X3-C chemokine receptor activity; G-protein coupled receptor activity; chemokine receptor activity; protein binding; receptor activity; signal transducer activity;

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