

Recombinant Human CTCFL 293 Cell Lysate

Cat. No. CTCFL-7212HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for CCCTC-binding factor (zinc finger protein)-like (CTCFL) 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

CTCFL CCCTC-binding factor (zinc finger protein)-like [Homo sapiens]

Official Symbol

CTCFL

Synonyms

CTCFL; CCCTC-binding factor (zinc finger protein)-like; transcriptional repressor CTCFL; BORIS; cancer/testis antigen 27; CT27; dJ579F20.2; HMG-1L1; CTCF paralog; CTCF-like protein; BORIS-like protein; zinc finger protein CTCF-T; brother of the regulator of imprinted sites; putative high mobility group protein 1-like 1; putative high mobility group protein B1-like 1; CTCF-T; HMGB1L1; MGC163358; MGC169105; MGC169106;

Gene ID

140690

mRNA Refseq

NM_080618

Protein Refseq

NP_542185

MIM

607022

UniProt ID

Q8NI51

Chromosome Location

20q13.31

Function

DNA binding; histone binding; metal ion binding; protein binding; sequence-specific

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DNA binding; transcription regulatory region DNA binding; zinc ion binding;