

Recombinant Human ZBP1 293 Cell Lysate

Cat. No. ZBP1-221HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for Z-DNA binding protein 1 (ZBP1), transcript variant 1 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 [ZBP1 Z-DNA binding protein 1 \[Homo sapiens \]](#)

Official Symbol ZBP1

Synonyms ZBP1; Z-DNA binding protein 1; C20orf183, chromosome 20 open reading frame 183; Z-DNA-binding protein 1; DAI; dJ718J7.3; DLM 1; DLM1; DNA dependent activator of IRFs; DNA-dependent activator of IRFs; DNA-dependent activator of IFN-regulatory factors; tumor stroma and activated macrophage protein DLM-1; DNA-dependent activator of interferon regulatory factors; DLM-1; C20orf183;

Gene ID [81030](#)

mRNA Refseq [NM_001160417](#)

Protein Refseq [NP_001153889](#)

MIM [606750](#)

UniProt ID [Q9H171](#)

Chromosome Location 20q13.31

Pathway Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Cytosolic sensors of pathogen-associated DNA, organism-specific biosystem; DAI mediated induction of type I IFNs, organism-specific biosystem; IRF3 mediated activation of type 1 IFN, organism-specific

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biosystem; Immune System, organism-specific biosystem; Innate Immune System,
organism-specific biosystem;

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