

Recombinant Human ZFP36L1 293 Cell Lysate

Cat. No. ZFP36L1-180HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for zinc finger protein 36, C3H type-like 1 (ZFP36L1) 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

ZFP36L1 zinc finger protein 36, C3H type-like 1 [Homo sapiens]

Official Symbol

ZFP36L1

Synonyms

ZFP36L1; zinc finger protein 36, C3H type-like 1; BRF1, zinc finger protein, C3H type, 36 like 1; zinc finger protein 36, C3H1 type-like 1; Berg36; cMG1; ERF1; RNF162B; TIS11B; EGF-response factor 1; butyrate response factor 1; early response factor Berg36; zinc finger protein, C3H type, 36-like 1; BRF1; ERF-1;

Gene ID

677

mRNA Refseq

NM_001244698

Protein Refseq

NP_001231627

MIM

601064

UniProt ID

Q07352

Chromosome Location

14q22-q24

Pathway

Destabilization of mRNA by Butyrate Response Factor 1 (BRF1), organism-specific biosystem; Gene Expression, organism-specific biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem;

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Validated targets of C-MYC transcriptional repression, organism-specific biosystem;