

Recombinant Human ZFP36 293 Cell Lysate

Cat. No. ZFP36-181HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for zinc finger protein 36, C3H type, homolog (mouse) (ZFP36) 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	ZFP36 zinc finger protein 36, C3H type, homolog (mouse) [Homo sapiens]
Official Symbol	ZFP36
Synonyms	ZFP36; zinc finger protein 36, C3H type, homolog (mouse); zinc finger protein, C3H type, 36 homolog (mouse); tristetraprolin; GOS24; NUP475; RNF162A; TIS11; TTP; zfp-36; tristetraproline; zinc finger protein 36 homolog; G0/G1 switch regulatory protein 24; zinc finger protein, C3H type, 36 homolog; growth factor-inducible nuclear protein NUP475; GOS24;
Gene ID	7538
mRNA Refseq	NM_003407
Protein Refseq	NP_003398
MIM	190700
UniProt ID	P26651
Chromosome Location	19q13.1
Pathway	Destabilization of mRNA by Tristetraprolin (TTP), organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Gene Expression, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich

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Elements, organism-specific biosystem;

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