

Recombinant Human EI24 293 Cell Lysate

Cat. No. EI24-6683HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for etoposide induced 2.4 mRNA (EI24), 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.

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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	EL24?etoposide induced 2.4 [?Homo sapiens?(human)]
Official Symbol	EL24
Synonyms	EL24; etoposide induced 2.4; EPG4; PIG8; TP53I8; etoposide-induced protein 2.4 homolog; p53-induced gene 8 protein; tumor protein p53 inducible protein 8; ectopic P-granules autophagy protein 4 homolog
Gene ID	9538
mRNA Refseq	NM_004879
Protein Refseq	NP_004870
MIM	605170
UniProt ID	O14681
Chromosome Location	11q24
Pathway	p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem

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