

Recombinant Human ELF2 293 Cell Lysate

Cat. No. ELF2-6634HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for E74-like factor 2 (ets domain transcription factor) (ELF2), transcript variant 2 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	ELF2 E74-like factor 2 (ets domain transcription factor) [Homo sapiens]
Official Symbol	ELF2
Synonyms	ELF2; E74-like factor 2 (ets domain transcription factor); ETS-related transcription factor Elf-2; EU32; NERF; NERF 1A; NERF 1B; NERF 2; new Ets-related factor; ets family transcription factor ELF2C; NERF-2; NERF-1A; NERF-1B; NERF-1a,b;
Gene ID	1998
mRNA Refseq	NM_006874
Protein Refseq	NP_006865
UniProt ID	Q15723
Chromosome Location	4q28
Pathway	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem;
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity;

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