

Recombinant Human ELF3 293 Cell Lysate

Cat. No. ELF3-6632HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for E74-like factor 3 (ets domain transcription factor, epithelial-specific) (ELF3), 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

ELF3 E74-like factor 3 (ets domain transcription factor, epithelial-specific) [Homo sapiens]

Official Symbol

ELF3

Synonyms

ELF3; E74-like factor 3 (ets domain transcription factor, epithelial-specific); ESX; ETS-related transcription factor Elf-3; EPR 1; ERT; ESE 1; epithelial-restricted with serine box; epithelium-restricted Ets protein ESX; epithelium-specific Ets transcription factor 1; E74-like factor 3 (ets domain transcription factor); ets domain transcription factor, serine box (epithelial-specific); E74-like factor 3 (ETS domain transcription factor, serine box, epithelial-specific); EPR-1; ESE-1;

Gene ID

1999

mRNA Refseq

NM_001114309

Protein Refseq

NP_001107781

MIM

602191

UniProt ID

P78545

Chromosome Location

1q32.2

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Pathway	EGFR1 Signaling Pathway, organism-specific biosystem;
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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