

Recombinant Human ELL 293 Cell Lysate

Cat. No. ELL-6626HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for elongation factor RNA polymerase II (ELL) 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

ELL[?]elongation factor RNA polymerase II [[?]Homo sapiens[?](human)]

Official Symbol

ELL

Synonyms

ELL; MEN; ELL1; PPP1R68; C19orf17; elongation factor RNA polymerase II; RNA polymerase II elongation factor ELL; ELL gene (11-19 lysine-rich leukemia gene); eleven-nineteen lysine-rich leukemia protein; protein phosphatase 1, regulatory subunit 68

Gene ID

8178

mRNA Refseq

NM_006532

Protein Refseq

NP_006523

MIM

600284

UniProt ID

P55199

Chromosome Location

19p13.1

Pathway

Disease, organism-specific biosystem; Formation of HIV elongation complex in the absence of HIV Tat, organism-specific biosystem; HIV Infection, organism-specific biosystem

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Function	phosphatase binding; protein binding
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