

Recombinant Human ERI1 293 Cell Lysate

Cat. No. ERI1-6554HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for exoribonuclease 1 (ERI1) 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

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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	ERI1 exoribonuclease 1 [Homo sapiens]
Official Symbol	ERI1
Synonyms	ERI1; exoribonuclease 1; THEX1, three prime histone mRNA exonuclease 1; 3-5 exoribonuclease 1; 3HEXO; enhanced RNAi three prime mRNA exonuclease homolog 1 (C.elegans); Eri-1 homolog; protein 3hExo; 3 exoribonuclease; 3-5 exonuclease ERI1; histone mRNA 3-exonuclease 1; three prime mRNA exonuclease 1; three prime histone mRNA exonuclease 1; histone mRNA 3 end-specific exonuclease; histone mRNA 3-end-specific exoribonuclease; enhanced RNAi three prime mRNA exonuclease homolog 1; HEXO; THEX1; MGC35395;
Gene ID	90459
mRNA Refseq	NM_153332
Protein Refseq	NP_699163
MIM	608739
UniProt ID	Q8IV48
Chromosome Location	8p23.1
Function	3-5 exonuclease activity; histone pre-mRNA stem-loop binding; hydrolase activity;

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metal ion binding; rRNA binding; ribosome binding;

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