

Recombinant Human ERI2 293 Cell Lysate

Cat. No. ERI2-6553HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ERI1 exoribonuclease family member 2 (ERI2), 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

ERI2 ERI1 exoribonuclease family member 2 [Homo sapiens]

Official Symbol

ERI2

Synonyms

ERI2; ERI1 exoribonuclease family member 2; EXOD1, exonuclease domain containing 1; ERI1 exoribonuclease 2; enhanced RNAi three prime mRNA exonuclease homolog 2 (C.elegans); exoribonuclease 2; KIAA1504; MGC16943; exonuclease domain containing 1; exonuclease domain-containing protein 1; enhanced RNAi three prime mRNA exonuclease homolog 2; EXOD1;

Gene ID

112479

mRNA Refseq

NM_001142725

Protein Refseq

NP_001136197

UniProt ID

A8K979

Chromosome Location

16p12.3

Function

exonuclease activity; hydrolase activity; metal ion binding; nucleic acid binding; zinc ion binding;

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