

Recombinant Human ERP44 293 Cell Lysate

Cat. No. ERP44-6543HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for endoplasmic reticulum protein 44 (ERP44) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

ERP44 endoplasmic reticulum protein 44 [Homo sapiens]

Official Symbol

ERP44

Synonyms

ERP44; endoplasmic reticulum protein 44; thioredoxin domain containing 4 (endoplasmic reticulum) , TXNDC4; endoplasmic reticulum resident protein 44; KIAA0573; PDIA10; protein disulfide isomerase family A; member 10; ER protein 44; thioredoxin domain-containing protein 4; endoplasmic reticulum resident protein 44 kDa; protein disulfide isomerase family A, member 10; thioredoxin domain containing 4 (endoplasmic reticulum); TXNDC4;

Gene ID

23071

mRNA Refseq

NM_015051

Protein Refseq

NP_055866

MIM

609170

UniProt ID

Q9BS26

**Chromosome
Location**

9q22.33

Function

protein disulfide isomerase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA