

Recombinant Mouse Erp44 Protein, Myc/DDK-tagged

Cat. No. Erp44-2869M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length endoplasmic reticulum protein 44 (Erp44), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mediates thiol-dependent retention in the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif. Inhibits the calcium channel activity of ITPR1. May have a role in the control of oxidative protein folding in the endoplasmic reticulum. Required to retain ERO1A and ERO1B in the endoplasmic reticulum.
Molecular Mass	46.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Erp44 endoplasmic reticulum protein 44 [Mus musculus (house mouse)]
Official Symbol	Erp44
Synonyms	ERP44; endoplasmic reticulum protein 44; endoplasmic reticulum resident protein 44; ER protein 44; thioredoxin domain-containing protein 4; endoplasmic reticulum resident protein 44kDa; endoplasmic reticulum resident protein ERp44; thioredoxin domain containing 4 (endoplasmic reticulum); Txndc4; AI849526; AL033348; 1110001E24Rik
Gene ID	76299
mRNA Refseq	NM_029572
Protein Refseq	NP_083848
UniProt ID	Q9D1Q6

 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