

Recombinant Mouse Erp27 Protein, Myc/DDK-tagged

Cat. No. Erp27-2867M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length endoplasmic reticulum protein 27 (Erp27), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Specifically binds unfolded proteins and may recruit protein disulfide isomerase PDIA3 to unfolded substrates. Binds protein substrates via a hydrophobic pocket in the C-terminal domain. May play a role in the unfolded stress response.
Molecular Mass	31.1 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.

GENE INFORMATION

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Gene Name	Erp27 endoplasmic reticulum protein 27 [Mus musculus (house mouse)]
Official Symbol	Erp27
Synonyms	ERP27; endoplasmic reticulum protein 27; endoplasmic reticulum resident protein 27; ER protein 27; endoplasmic reticulum resident protein ERp27; 1810033M07Rik; 1810047B09Rik; MGC129514; MGC129515
Gene ID	69187
mRNA Refseq	NM_026983
Protein Refseq	NP_081259
UniProt ID	Q9D8U3

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