

Recombinant Rat Erp27 Protein, His-tagged

Cat. No. Erp27-1441R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Erp27 Protein (Asp26-Leu272) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp26-Leu272
Description	Predicted to be involved in protein folding and response to endoplasmic reticulum stress. Predicted to be active in endoplasmic reticulum. Orthologous to human ERP27 (endoplasmic reticulum protein 27).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.6 kDa Accurate Molecular Mass: 32 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Erp27 endoplasmic reticulum protein 27 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Erp27
Synonyms	ERP27; endoplasmic reticulum protein 27; endoplasmic reticulum resident protein 27; RGD1565381;
Gene ID	297698
mRNA Refseq	NM_001106625
Protein Refseq	NP_001100095
UniProt ID	D4A9L9

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