# Recombinant Mouse Erp27 Protein, His-tagged

**Cat. No.** Erp27-1440M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Erp27 Protein (Asp26-Leu253) with N-His tag was expressed in E. coli. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | Asp26-Leu253 |
| **Description** | Predicted to be involved in protein folding and response to endoplasmic reticulum stress. Predicted to act upstream of or within response to unfolded protein. Predicted to be active in endoplasmic reticulum. Is expressed in diencephalon lateral wall mantle layer and midbrain mantle layer. Orthologous to human ERP27 (endoplasmic reticulum protein 27). |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 29.6 kDa<br>Accurate Molecular Mass: 30 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 |

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| | 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 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

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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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