

Recombinant Human ERN1 Overexpression Lysate(Pro 465-Leu 977)

Cat. No. ERN1-590HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERN1 Overexpression Lysate(Pro 465-Leu 977)(O75460-1) was expressed in Insect cells.
Species	Human
Source	Insect cells
ProteinLength	465-977 a.a.
Form	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Molecular Mass	The secreted recombinant human ERN1 consists of 515 amino acids and predicts a molecular mass of 58.3 KDa. The apparent molecular mass of the protein is approximately 65 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Storage	Store at 4°C for up to twelve months from date of receipt. After re-dissolution, aliquot and store at -80°C for up to twelve months. Avoid repeated freeze-thaw cycles.
Reconstitution	1. Centrifuge the tube for a few seconds and ensure the pellet at the bottom of the tube. 2. Re-dissolve the pellet using 200μL pure water and boil for 2-5 min.

GENE INFORMATION

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Gene Name	ERN1 endoplasmic reticulum to nucleus signaling 1 [Homo sapiens (human)]
Official Symbol	ERN1
Synonyms	IRE1; IRE1P; IRE1a; hIRE1p; ERN1
Gene ID	2081
mRNA Refseq	NM_001433
Protein Refseq	NP_001424
MIM	604033
UniProt ID	O75460

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