

Active Recombinant Human IRE1 protein, His&GST-tagged

Cat. No. ERN1-1124H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IRE1 protein(O75460-1)(Pro465-Leu977), fused with His tag and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	465-977 a.a.
Form	Supplied as sterile 20mM Tris, 500M NaCl, 25% glycerol, 0.1mM EDTA, 0.5mM TCEP, 2mM GSH, pH 7.5.Please contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	The specific activity was determined to be 5 nmol/min/mg using MBP as substrate
Molecular Mass	The recombinant human ERN1/GST chimera consists of 750 amino acids and has a calculated molecular mass of 86 kDa. It migrates as an approximately 90 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Pro465-Leu977
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % as determined by SDS-PAGE

 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

Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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