

Recombinant Rat Ireb2 protein, His & T7-tagged

Cat. No. Ireb2-1572R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ireb2 aa. (Met1~His343 (Accession # Q62751)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~His343
Description	RNA-binding proteins that bind iron-responsive elements (IREs).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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.

 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	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.9

GENE INFORMATION

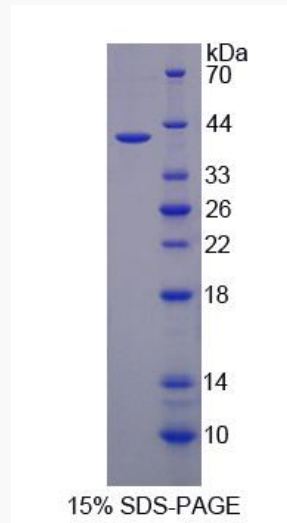
Gene Name	Ireb2 iron responsive element binding protein 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Ireb2
Synonyms	Ireb2; iron responsive element binding protein 2; Irp2; iron-responsive element-binding protein 2; IRE-BP 2; iron regulatory protein 2
Gene ID	64831
mRNA Refseq	NM_022863.2
Protein Refseq	NP_074054.2
UniProt ID	Q62751

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SDS-PAGE



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