Recombinant Mouse Irak2 protein, His-tagged

Cat. No. Irak2-7070M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Irak2 aa. (Asp209~Glu458) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp209~Glu458
Form	Freeze-dried powder
Molecular Mass	28kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 8.6.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

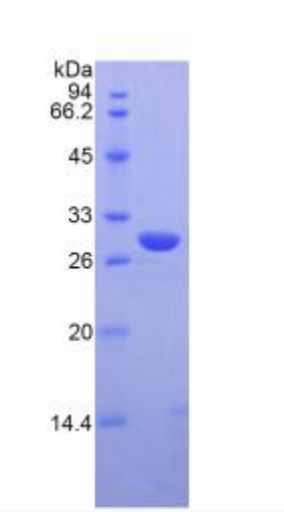
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	Irak2 interleukin-1 receptor-associated kinase 2 [Mus musculus (house mouse)]
Official Symbol	Irak2
Synonyms	Irak2; interleukin-1 receptor-associated kinase 2; IRAK-2; AI649099; 6330415L08Rik; interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor-associated kinase 2c; mu-IRAK-2
Gene ID	108960
mRNA Refseq	NM_172161.4
Protein Refseq	NP_751893.3
UniProt ID	Q8CFA1

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

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