

## Recombinant Human IRAK2 protein, His-tagged

Cat. No. IRAK2-7069H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IRAK2 aa. (Val235~Ser521) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val235~Ser521
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	32kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>92%
<b>Characteristic</b>	The isoelectric point is 8.5.
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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

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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 [ Homo sapiens (human) ]

**Official Symbol**

IRAK2

**Synonyms**

IRAK2; interleukin 1 receptor associated kinase 2; IRAK-2; interleukin-1 receptor-associated kinase-like 2

**Gene ID**

3656

**mRNA Refseq**

NM\_001570.3

**Protein Refseq**

NP\_001561.3

**UniProt ID**

O43187

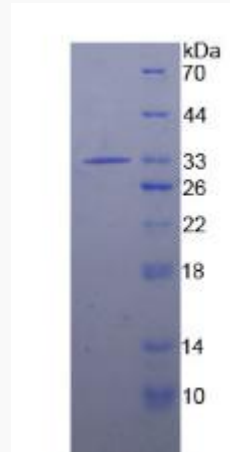
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SDS-PAGE



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