

## Recombinant Rat Il1a protein, His & T7-tagged

**Cat. No.** Il1a-630R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Il1a aa. (Ser115~Ser270 (Accession # P16598)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser115~Ser270
<b>Description</b>	Proinflammatory cytokine.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 21.5kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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,

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

and no obvious degradation and precipitation were observed. The loss rate 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.

**Storage buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O

**GENE INFORMATION****Gene Name**

Il1a interleukin 1 alpha [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Il1a

**Synonyms**

Il1a; interleukin 1 alpha; IL-1F1; IL-1 alpha; interleukin-1 alpha

**Gene ID**

24493

**mRNA Refseq**

NM\_017019.1

**Protein Refseq**

NP\_058715.1

**UniProt ID**

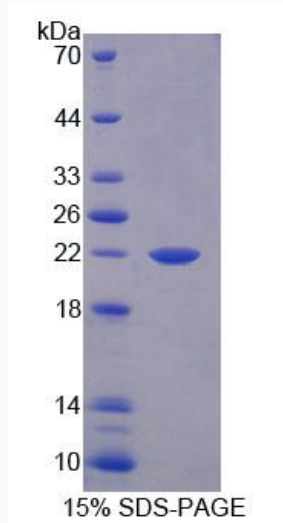
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**SDS-PAGE**



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