

Recombinant Rat Il1a protein, His & T7-tagged

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

SPECIFICATION

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

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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 ddH₂O

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

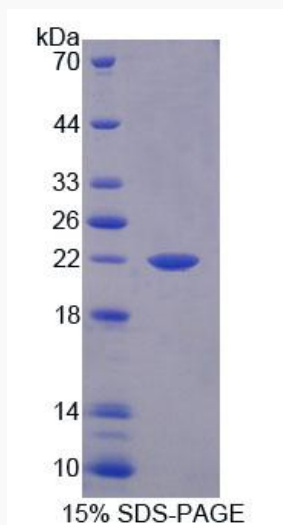
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SDS-PAGE



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