

Recombinant Rat Il18 protein, His-tagged

Cat. No. Il18-877R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il18 aa. (His37~Ser194 (Accession # P97636)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	His37~Ser194
Description	A pro-inflammatory cytokine; acts as a modulator of immune functions.
Form	Freeze-dried powder
Molecular Mass	20 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.2.
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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name

Il18 interleukin 18 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Il18

Synonyms

Il18; interleukin 18; IL-18; interleukin-18; IFN-gamma-inducing factor; IL-1 gamma; interferon gamma-inducing factor; interleukin-1 gamma

Gene ID

29197

mRNA Refseq

NM_019165.1

Protein Refseq

NP_062038.1

UniProt ID

P97636

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