

Recombinant Rat Il31 protein, His & GST-tagged

Cat. No. Il31-1574R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il31 aa. (Cys134~Glu262 (Accession # D3ZIP0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Cys134~Glu262
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.4.
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, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 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

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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

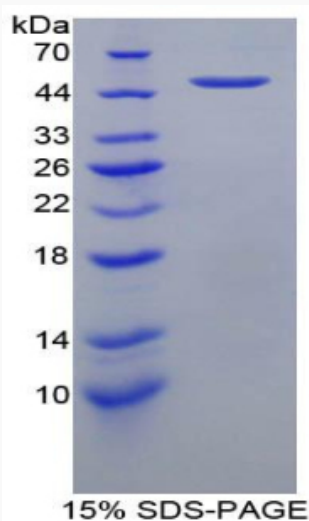
Gene Name	Il31 interleukin 31 [Rattus norvegicus (Norway rat)]
Official Symbol	Il31
Synonyms	interleukin-31
Gene ID	690028
mRNA Refseq	XM_017598514.1
Protein Refseq	XP_017454003.1
UniProt ID	D3ZIP0

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SDS-PAGE



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