

Recombinant Rat Il12b protein, His & T7-tagged

Cat. No. Il12b-849R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il12b aa. (Val30~Cys311 (Accession # G3V9Y5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val30~Cys311
Description	A subunit of interleukin 12 which is a cytokine that acts on T and natural killer cells.
Form	Freeze-dried powder
Molecular Mass	43kDa 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.
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

Il12b interleukin 12B [*Rattus norvegicus* (Norway rat)]

Official Symbol

Il12b

Synonyms

Il12b; interleukin 12B; Il12; interleukin-12 subunit beta; interleukin-12 p40

Gene ID

64546

mRNA Refseq

NM_022611.1

Protein Refseq

NP_072133.1

UniProt ID

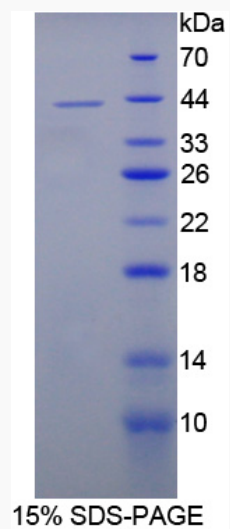
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SDS-PAGE



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