

Recombinant Rat Il12a protein, His & T7-tagged

Cat. No. II12a-853R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il12a aa. (Arg23~Ser215 (Accession# Q9R103)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg23~Ser215
Description	Mouse homolog is a subunit of heteromeric cytokine interleukin 12; loss of function is associated with experimental autoimmune encephalomyelitis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 7.8.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

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

Il12a interleukin 12A [*Rattus norvegicus* (Norway rat)]

Official Symbol

Il12a

Synonyms

Il12a; interleukin 12A; interleukin-12 subunit alpha; CLMF p35; IL-12 subunit p35; IL-12A; cytotoxic lymphocyte maturation factor 35 kDa subunit; interleukin 12 p35 subunit

Gene ID

84405

mRNA Refseq

NM_053390.1

Protein Refseq

NP_445842.1

UniProt ID

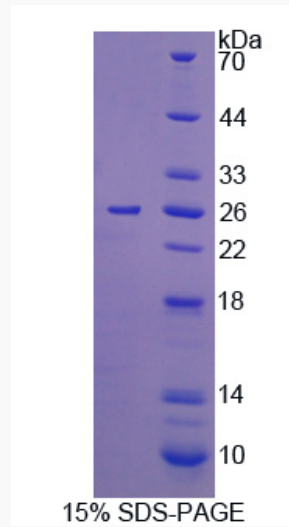
Q9R103

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SDS-PAGE



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