

Recombinant Rat IL9 Protein, His-tagged

Cat. No. IL9-1685R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL9 Protein (Gln19-Ala144) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gln19-Ala144
Description	Enables cytokine activity and interleukin-9 receptor binding activity. Involved in positive regulation of cell growth. Predicted to be active in extracellular space. Human ortholog(s) of this gene implicated in asthma and respiratory syncytial virus infectious disease. Orthologous to human IL9 (interleukin 9).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 44.14 kDa Accurate Molecular Mass: 44 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

IL9 interleukin 9 [*Rattus norvegicus* (Norway rat)]

Official Symbol

IL9

Synonyms

IL9; interleukin 9; interleukin-9;

Gene ID

116558

mRNA Refseq

NM_001105747

Protein Refseq

NP_001099217

UniProt ID

D4A8I9

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