

Recombinant Rat IL9 Protein, His-tagged

Cat. No. IL9-1060R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL9 Protein (Gln19-Ala144) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
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: 15.7 kDa; Accurate Molecular Mass: \
Purity	> 95%
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 less than 5% within the expiration date under appropriate storage condition.

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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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	IL9 interleukin 9 [<i>Rattus norvegicus</i> (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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