

Recombinant Horse IL5 Protein, His&GST-tagged

Cat. No. IL5-1042H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Horse IL5 Protein (Leu20-Gly134) with His&GST tag was expressed in E. coli.
Species	Horse
Source	E.coli
ProteinLength	Leu20-Gly134
Description	Enables cytokine activity. Involved in positive regulation of DNA-binding transcription factor activity; positive regulation of immunoglobulin production; and positive regulation of transcription, DNA-templated. Acts upstream of or within positive regulation of peptidyl-tyrosine phosphorylation. Located in extracellular space. Is expressed in colon; thymus; and thymus primordium. Human ortholog(s) of this gene implicated in asthma. Orthologous to human IL5 (interleukin 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.1 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

 Tel: 1-631-559-9269 1-516-512-3133

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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.

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

IL5 interleukin 5 (colony-stimulating factor, eosinophil) [*Equus caballus*]

Official Symbol

IL5

Synonyms

IL5; interleukin 5 (colony-stimulating factor, eosinophil); interleukin-5; TRF; T-cell replacing factor; eosinophil differentiation factor; IL-5;

Gene ID

100034199

mRNA Refseq

NM_001082499

Protein Refseq

NP_001075968

UniProt ID

O02699

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