

## Recombinant Dog IL3 Protein, His-tagged

Cat. No. IL3-1035D Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Dog IL3 Protein (Arg24-Pro143) with His tag was expressed in E. coli.
<b>Species</b>	Dog
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg24-Pro143
<b>Description</b>	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 17.7 kDa; Accurate Molecular Mass: 18 kDa
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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**

IL3 interleukin 3 (colony-stimulating factor, multiple) [ *Canis lupus familiaris* ]

**Official Symbol**

IL3

**Synonyms**

IL3; interleukin 3 (colony-stimulating factor, multiple); interleukin-3; mast cell growth factor; P-cell-stimulating factor; hematopoietic growth factor; multipotential colony-stimulating factor; IL-3; MCGF;

**Gene ID**

481497

**mRNA Refseq**

NM\_001013835

**Protein Refseq**

NP\_001013857

**UniProt ID**

Q9BDX4

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