

Recombinant Dog IL3 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Dog IL3 Protein (Arg24-Pro143) with His tag was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	Arg24-Pro143
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.7 kDa; Accurate Molecular Mass: 18 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

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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