

Recombinant Dog IL4 protein, His & T7-tagged

Cat. No. IL4-644D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IL4 aa. (Gly24~His132 (Accession # O77762)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Gly24~His132
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.8.
Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

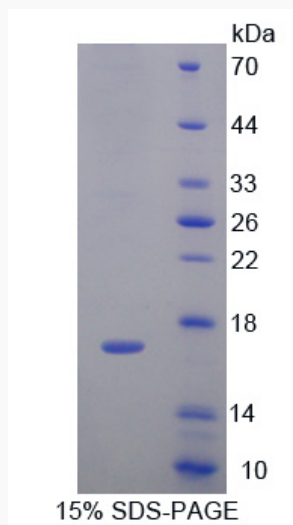
Gene Name	IL4 interleukin 4 [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	IL4
Synonyms	IL-4; B-cell stimulatory factor 1; BSF-1; lymphocyte stimulatory factor 1; interleukin-4
Gene ID	403785
mRNA Refseq	NM_001003159.1
Protein Refseq	NP_001003159.1
UniProt ID	O77762

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SDS-PAGE



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