Recombinant Dog IL5 protein, His & T7-tagged

Cat. No. IL5-650D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IL5 aa. (Phe20~Ser134 (Accession# Q95J76)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Phe20~Ser134
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.0kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
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.

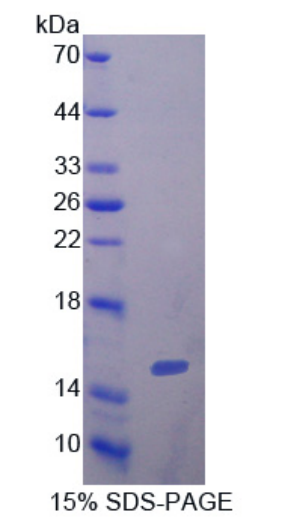
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	IL5 interleukin 5 [Canis lupus familiaris (dog)]
Official Symbol	IL5
Synonyms	IL-5; T-cell replacing factor; TRF; eosinophil differentiation factor; interleukin 5 (colony-stimulating factor, eosinophil); interleukin-5
Gene ID	403790
mRNA Refseq	NM_001006950.1
Protein Refseq	NP_001006951.1
UniProt ID	Q95J76

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SDS-PAGE	 15% SDS-PAGE

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