

Recombinant Dog IL13 protein, His & T7-tagged

Cat. No. IL13-855D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IL13 aa. (Ser19~Arg131 (Accession# Q9N0W9)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ser19~Arg131
Form	Freeze-dried powder
Molecular Mass	13kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.1.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4
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GENE INFORMATION

Gene Name	IL13 interleukin 13 [<i>Canis lupus familiaris</i> (dog)]
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Official Symbol	IL13
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Synonyms	IL13; interleukin 13; interleukin-13; IL-13
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Gene ID	442990
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mRNA Refseq	NM_001003384.1
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Protein Refseq	NP_001003384.1
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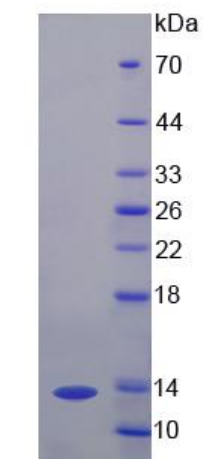
UniProt ID	Q9N0W9
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SDS-PAGE



15% SDS-PAGE

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