

Recombinant Dog IL1A protein, His-tagged

Cat. No. IL1A-620D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IL1A aa. (Leu132~Pro265 (Accession # O46612)) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Leu132~Pro265
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	IL1A interleukin 1 alpha [Canis lupus familiaris (dog)]
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Official Symbol	IL1A
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Synonyms	IL1A; interleukin-1 alpha; IL-1 alpha
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Gene ID	403782
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mRNA Refseq	NM_001003157.2
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Protein Refseq	NP_001003157.2
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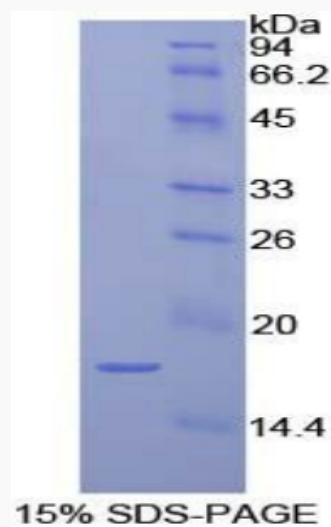
UniProt ID	O46612
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SDS-PAGE



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