

Recombinant Dog IL1B protein, His-tagged

Cat. No. IL1B-2827D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IL1B aa. (Cys103~Thr260 (Accession # Q2VCE2)) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Cys103~Thr260
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.8.
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, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

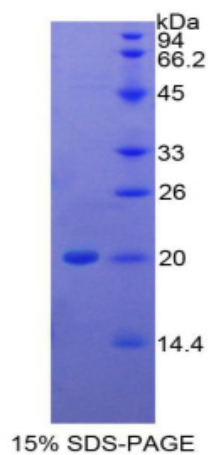
Gene Name	IL1B interleukin 1 beta [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	IL1B
Synonyms	IL-1; IL-1 beta; interleukin-1 beta proprotein; interleukin-1 beta
Gene ID	403974
mRNA Refseq	NM_001037971.1
Protein Refseq	NP_001033060.1
UniProt ID	Q2VCE2

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SDS-PAGE



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