

## Active Recombinant Canine IL1B

Cat. No. IL1B-656C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine IL1B (Accession # NP_001033060) Ala114-Ser265 was produced in E. coli-derived.
<b>Species</b>	Canine
<b>Source</b>	E.coli
<b>ProteinLength</b>	114-265 a.a.
<b>Predicted N Terminal</b>	Ala114
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. Symons, J.A. et al. (1987) in Lymphokines and Interferons, a Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 272.The ED50 for this effect is typically 4 - 16 pg/mL.
<b>Molecular Mass</b>	Recombinant Canine IL1B has a calculated MW of 18 kDa.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** IL1B interleukin 1, beta [ *Canis lupus familiaris* (dog) ]

**Official Symbol** IL1B

**Synonyms** IL1B; interleukin 1 beta; IL-1; interleukin-1 beta; IL-1 beta; interleukin-1 beta proprotein

**Gene ID** 403974

**mRNA Refseq** NM\_001037971

**Protein Refseq** NP\_001033060

### MIM

**UniProt ID** Q28292

**Chromosome Location** 17

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