

Active Recombinant Canine IL1B

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

SPECIFICATION

Product Overview	Recombinant Canine IL1B (Accession # NP_001033060) Ala114-Ser265 was produced in E. coli-derived.
Species	Canine
Source	E.coli
ProteinLength	114-265 a.a.
Predicted N Terminal	Ala114
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Canine IL1B has a calculated MW of 18 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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 µg/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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