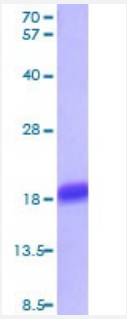
Bioactive

# IL1B (Canine) Recombinant Protein

Catalog # P6983 Size 100 ug

## Applications




### Result of bioactivity analysis

Result of bioactivity analysis

IL1B (Canine) Recombinant Protein (Cat # P6983) stimulates cell proliferation of the D10.G4.1 mouse helper T cells. The ED50 range range ≤ 5 pg/mL.

## Specification

| | |
|---|---|
| **Product Description** | Canine IL1B (NP_001033060.1, 114 a.a. - 265 a.a.) partial recombinant protein expressed in *Escherichia coli*. |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 17.5 |
| **Form** | Liquid |
| **Preparation Method** | *Escherichia coli* expression system |
| **Purity** | > 95% by SDS-PAGE |
| **Endotoxin Level** | < 1 EU per 1 ug of protein (determined by LAL method). |

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|---|---|
| **Activity** | Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The $ED_{50}$ range ≤ 5pg/mL. |
| **Quality Control Testing** | 3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. |
| **Recommend Usage** | Bioactivity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.4. |
| **Storage Instruction** | Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | Result of bioactivity analysis<br>Result of bioactivity analysis<br>IL1B (Canine) Recombinant Protein (Cat # P6983) stimulates cell proliferation of the D10.G4.1 mouse helper T cells. The ED50 range range ≤ 5 pg/mL. |

## Applications

- SDS-PAGE

## Gene Info — IL1B

| | |
|---|---|
| **Entrez GeneID** | 403974 |
| **Protein Accession#** | NP_001033060.1 |
| **Gene Name** | IL1B |
| **Gene Alias** | IL-1 |
| **Gene Description** | interleukin 1, beta |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | interleukin-1 beta proprotein |
| **Other Designations** | interleukin-1 beta proprotein |

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