

## Product Information

### Recombinant Canine IL1B Protein

#### Product Information

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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog#</b>         | MK0465C                                                                                                                                                                                      |
| <b>Product Name</b>     | Recombinant Canine IL1B Protein                                                                                                                                                              |
| <b>Product Overview</b> | Recombinant Canine IL1B Protein (Q28292) (Ala115-Ser266) was produced by E. coli expression system. This protein was expressed, with an initial Met at the N-terminus.                       |
| <b>Source</b>           | E. coli                                                                                                                                                                                      |
| <b>Species</b>          | Canine                                                                                                                                                                                       |
| <b>Tag</b>              | N/A                                                                                                                                                                                          |
| <b>Formulation</b>      | Lyophilized from a sterile solution of 20mM PB, 0.3M NaCl, pH 6.5, 5%~8% trehalose and mannitol, 0.01% Tween80.                                                                              |
| <b>Protein length</b>   | Ala115-Ser266                                                                                                                                                                                |
| <b>Purity</b>           | >96% as determined by SDS-PAGE.                                                                                                                                                              |
| <b>Storage</b>          | Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.                                                                                                         |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.                |
| <b>Molecular Mass</b>   | The recombinant canine IL1B consists of 153 amino acids and has a calculated molecular mass of 17.6 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band. |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                                    |
| <b>Notes</b>            | Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.                                                                                                    |