

## Active Recombinant Feline IL1B protein(Ala116-Ser267)

Cat. No. IL1B-1030F Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Feline IL1B (NP_001070882.1) (Ala116-Ser267) was expressed in E. coli with an initial Met.
<b>Species</b>	Feline
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala116-Ser267
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 2-8 ng/mL.
<b>Molecular Mass</b>	The recombinant Feline IL1B consists 153 amino acids and predicts a molecular mass of 17.5 kDa.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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