

Active Recombinant Rabbit IL1B protein(Ala117-Ser268)

Cat. No. IL1B-667R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit IL1B (NP_001075670.1) (Ala117-Ser268) was expressed in E. coli with an initial Met at the N-terminus.
Species	Rabbit
Source	E.coli
ProteinLength	Ala117-Ser268
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 0.4-2ng/mL.
Molecular Mass	The recombinant Rabbit IL1B consists of 153 amino acids and predicts a molecular mass of 17.5 KDa. It migRates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL1B interleukin 1, beta [*Oryctolagus cuniculus*]

Official Symbol IL1B

Synonyms IL1B; interleukin 1, beta; interleukin-1 beta; IL-1 beta; interleukin 1 beta; lymphocyte proliferation-potentiating factor; IL1-BETA;

Gene ID 100008990

mRNA Refseq NM_001082201

Protein Refseq NP_001075670

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