

Active Recombinant Rhesus IL1B Protein

Cat. No. IL1B-1167R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mature form of Rhesus IL1B (Ala 117-Ser 269) was expressed and purified, with an initial Met.
Species	Rhesus macaque
Source	E.coli
ProteinLength	Ala117-Ser269
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. 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 0.25-1 ng/mL.
Molecular Mass	The recombinant rhesus IL1B consists of 154 amino acids and has a calculated molecular mass of 17.5 kDa. It migrates as an approximately 18 kDa band in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA