

Active Recombinant Cotton Rat II1b, Met-tagged

Cat. No. II1b-390C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat II1b (Accession # AAL18817) Val116-Ser267, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	116-267 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. Symons, J.A. et al. (1987) in Lymphokines and Interferons, a Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 272. The ED50 for this effect is typically 15 - 90 pg/mL.
Molecular Mass	Recombinant Cotton Rat II1b, Met-tagged has a calculated MW of 17.3 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name Il1b interleukin 1 beta [*Rattus norvegicus* (Norway rat)]

Official Symbol Il1b

Synonyms Il1b; interleukin 1 beta; interleukin-1 beta; IL-1 beta

Gene ID 24494

mRNA Refseq NM_031512

Protein Refseq NP_113700

MIM

UniProt ID Q63264

Chromosome Location 3q36

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