

## Active Recombinant Cotton Rat II1a

Cat. No. II1a-380C    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cotton Rat II1a (Accession # AAK94011) Ser115-Pro269 was produced in E. coli-derived.
<b>Species</b>	Cotton Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	115-269 a.a.
<b>Predicted N Terminal</b>	Ser115
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	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 1 - 5 pg/mL
<b>Molecular Mass</b>	Recombinant Cotton Rat II1a has a calculated MW of 17.7 kDa.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** Il1a interleukin 1 alpha [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol** Il1a

**Synonyms** Il1a; interleukin 1 alpha; IL-1 alpha; interleukin-1 alpha

**Gene ID** [24493](#)

**mRNA Refseq** [NM\\_017019](#)

**Protein Refseq** [NP\\_058715](#)

**MIM**

**UniProt ID** P16598

**Chromosome Location** 3q36

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