

## Active Recombinant Cotton Rat II10

Cat. No. II10-382C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cotton Rat II10 (Accession # AAK94013) Ser1-Ser160 (Cys149Tyr) was produced in E. coli-derived.
<b>Species</b>	Cotton Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-160 a.a.
<b>Predicted N Terminal</b>	Ser1
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose and with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation assay using MC/9-2 mouse mast cells. Thompson-Snipes, L. et al. (1991) J. Exp. Med. 173:507. The ED50 for this effect is typically 0.04-0.24 ng/mL.
<b>Molecular Mass</b>	Recombinant Cotton Rat II10 has a calculated MW of 18.7 kDa (monomer).
<b>Purity</b>	>97%, 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).

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Reconstitution** Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** [IL10 interleukin 10 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol** IL10

**Synonyms** IL10; interleukin 10; IL10X; interleukin-10; CSIF; IL-10; cytokine synthesis inhibitory factor

**Gene ID** [25325](#)

**mRNA Refseq** [NM\\_012854](#)

**Protein Refseq** [NP\\_036986](#)

### MIM

**UniProt ID** P29456

**Chromosome Location** 13q13

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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