

Active Recombinant Cotton Rat II10

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

SPECIFICATION

Product Overview	Recombinant Cotton Rat II10 (Accession # AAK94013) Ser1-Ser160 (Cys149Tyr) was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	1-160 a.a.
Predicted N Terminal	Ser1
Form	Lyophilized from a 0.2 µ filtered solution in PBS with Trehalose and with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Cotton Rat II10 has a calculated MW of 18.7 kDa (monomer).
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 10 µg/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

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