

Active Recombinant Cotton Rat II13, His-tagged

Cat. No. II13-415C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat II13 (Accession # AAP93198) Met1-His133, fused with a C-terminal 5-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Cotton Rat
Source	CHO
ProteinLength	1-133 a.a.
Predicted N Terminal	Gly21
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 TF-1 human erythroleukemic cells. Kitamura, T. et al. (1989) J. Cell Physiol. 140:323. The ED50 for this effect is typically 3 - 18 ng/mL.
Molecular Mass	Recombinant Cotton Rat II13, His-tagged has a calculated MW of 13.1 kDa. In SDS-PAGE migrates as 15-30 kDa, reducing conditions.
Purity	>95%, 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).

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

GENE INFORMATION

Gene Name IL13 interleukin 13 [*Rattus norvegicus* (Norway rat)]

Official Symbol IL13

Synonyms IL13; interleukin 13; interleukin-13; IL-13; T-cell activation protein P600

Gene ID 116553

mRNA Refseq NM_053828

Protein Refseq NP_446280

MIM

UniProt ID P42203

**Chromosome
Location** 10q22

 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