

## Active Recombinant Cotton Rat II13, His-tagged

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

### SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | 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.                              |
| <b>Species</b>              | Cotton Rat                                                                                                                                                                                    |
| <b>Source</b>               | CHO                                                                                                                                                                                           |
| <b>ProteinLength</b>        | 1-133 a.a.                                                                                                                                                                                    |
| <b>Predicted N Terminal</b> | Gly21                                                                                                                                                                                         |
| <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 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.       |
| <b>Molecular Mass</b>       | Recombinant Cotton Rat II13, His-tagged has a calculated MW of 13.1 kDa. In SDS-PAGE migrates as 15-30 kDa, reducing conditions.                                                              |
| <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). |

 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 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

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