

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).

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Reconstitution Reconstitute at 100 g/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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