

## Active Recombinant Cotton Rat II2, Met-tagged

Cat. No. II2-381C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cotton Rat II2 (Accession # AAK94012) Ala21-Gln155 (Cys146Tyr), fused with an N-terminal Met, was produced in E. coli-derived.
<b>Species</b>	Cotton Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	21-155 a.a.
<b>Predicted N Terminal</b>	Met & Ala21
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. Gearing, A.J.H. and C.B. Bird (1987) in Lymphokines and Interferons, A Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 295. The ED50 for this effect is typically 0.15 - 0.6 ng/mL.
<b>Molecular Mass</b>	Recombinant Cotton Rat II2, Met-tagged has a calculated MW of 15.6 kDa.
<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

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months (-70°C).

**Reconstitution**

Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

**GENE INFORMATION**

<b>Gene Name</b>	IL2 interleukin 2 [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	IL2
<b>Synonyms</b>	IL2; interleukin 2; interleukin-2; IL-2; T-cell growth factor; TCGF
<b>Gene ID</b>	116562
<b>mRNA Refseq</b>	NM_053836
<b>Protein Refseq</b>	NP_446288
<b>MIM</b>	
<b>UniProt ID</b>	P17108
<b>Chromosome Location</b>	2q25

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