

Active Recombinant Cotton Rat IL2, Met-tagged

Cat. No. IL2-381C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat IL2 (Accession # AAK94012) Ala21-Gln155 (Cys146Tyr), fused with an N-terminal Met, was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	21-155 a.a.
Predicted N Terminal	Met & Ala21
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Cotton Rat IL2, Met-tagged has a calculated MW of 15.6 kDa.
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

 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

months (-70°C).

Reconstitution

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

GENE INFORMATION
Gene Name

IL2 interleukin 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

IL2

Synonyms

IL2; interleukin 2; interleukin-2; IL-2; T-cell growth factor; TCGF

Gene ID

116562

mRNA Refseq

NM_053836

Protein Refseq

NP_446288

MIM
UniProt ID

P17108

**Chromosome
Location**

2q25

 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