Active Recombinant Cotton Rat Il4, Met-tagged

Cat. No. Il4-393C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat Il4 (Accession # AAL18820) Cys21-Phe147, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	21-147 a.a.
Predicted N Terminal	Met
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 rat splenocytes.The ED50 for this effect is typically 1 - 5 ng/mL.
Molecular Mass	Recombinant Cotton Rat Il4, Met-tagged has a calculated MW of 15 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).
Reconstitution	Reconstitute at 10 μg/mL in sterile PBS containing at least 0.1% human or bovine

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	serum albumin.

GENE INFORMATION

Gene Name	Il4 interleukin 4 [Rattus norvegicus (Norway rat)]
Official Symbol	Il4
Synonyms	IL4; interleukin 4; interleukin-4; B-cell IGG differentiation factor; B-cell growth factor 1; B-cell stimulatory factor 1; BSF-1; IL-4; lymphocyte stimulatory factor 1
Gene ID	287287
mRNA Refseq	NM_201270
Protein Refseq	NP_958427
MIM	
UniProt ID	P20096
Chromosome Location	10q22

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