

Active Recombinant Rhesus Macaque IL18

Cat. No. IL18-370R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus Macaque IL18 (Accession # AAK13416) Tyr37-Asp193 was produced in E. coli-derived.
Species	Rhesus macaque
Source	E.coli
ProteinLength	37-193 a.a.
Predicted N Terminal	Tyr37
Form	Lyophilized from a 0.2 µm filtered solution in MOPS, Na2SO4, EDTA and DTT with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce IFN-gamma secretion by KG-1 human acute myelogenous leukemia cells in the presence of TNF-alpha. The ED50 for this effect is typically 1-4 ng/mL in the presence of 20 ng/mL recombinant human TNF-alpha.
Molecular Mass	Recombinant Rhesus Macaque IL18 has a calculated MW of 18.2 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 months (-70°C).

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Reconstitution Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	IL18 interleukin 18 (interferon-gamma-inducing factor) [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	IL18
Synonyms	IL18; interleukin 18 (interferon-gamma-inducing factor); interleukin-18; interleukin-18 proprotein
Gene ID	574151
mRNA Refseq	NM_001032834
Protein Refseq	NP_001028006
MIM	
Chromosome Location	14

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