

## Active Recombinant Rhesus Macaque IL18

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus Macaque IL18 (Accession # AAK13416) Tyr37-Asp193 was produced in E. coli-derived.
<b>Species</b>	Rhesus macaque
<b>Source</b>	E.coli
<b>ProteinLength</b>	37-193 a.a.
<b>Predicted N Terminal</b>	Tyr37
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in MOPS, Na2SO4, EDTA and DTT with BSA as a carrier protein.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Rhesus Macaque IL18 has a calculated MW of 18.2 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 months (-70°C).

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

## GENE INFORMATION

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

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