

## Active Recombinant Mouse IL18, MIgG2a Fc-tagged

Cat. No. IL18-639M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of mouse IL-18 (NP_032386.1)(Asn36-Ser192) is fused to the N-terminus of the Fc region of a mouse IgG2a was expressed in CHO cell.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	36-192 a.a.
<b>Description</b>	The protein encoded by this gene is a proinflammatory cytokine that augments natural killer cell activity inspleen cells, and stimulates interferon gamma production in T-helper type I cells. Alternatively splicedtranscript variants encoding different isoforms have been found for this gene
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Induction of IFN-γ in response to the recombinant mouse IL-18 was measured.
<b>Molecular Mass</b>	45KDa (monomer)
<b>AA Sequence</b>	Asn36-Ser192
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="">
<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.

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<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	IL18 interleukin 18 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	IL18
<b>Synonyms</b>	IL18; interleukin 18; interleukin-18; IL-1 gamma; interleukin-1 gamma; IFN-gamma-inducing factor; interferon gamma-inducing factor; interferon-gamma-inducing factor; Igif; Il-18;
<b>Gene ID</b>	16173
<b>mRNA Refseq</b>	NM_008360
<b>Protein Refseq</b>	NP_032386
<b>Pathway</b>	African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Hypertrophy Model, organism-specific biosystem;
<b>Function</b>	cytokine activity;

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