

# Active Recombinant Mouse Interleukin 33, MIgG2a Fc-tagged

Cat. No. IL33-130M Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	The extracellular domain of mouse IL-33 (NP_001158196.1)(Gln118-Ile266) 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>	118-266 a.a.
<b>Description</b>	IL33 (MIM 608678) is a member of the IL1 (see MIM 147760) family that potently drives production of T helper-2(Th2)-associated cytokines (e.g., IL4; MIM 147780). IL33 is a ligand for IL33R (IL1RL1; MIM 601203), an IL1family receptor that is selectively expressed on Th2 cells and mast cells
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured in a cell proliferation assay.
<b>Molecular Mass</b>	43KDa (monomer)
<b>AA Sequence</b>	Gln118-Ile266
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="" test.="">
<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>	IL33 interleukin 33 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	IL33
<b>Synonyms</b>	IL33; interleukin 33; interleukin-33; nuclear factor from high endothelial venules; IL-33; IL1f11; NF-HEV; 9230117N10Rik;
<b>Gene ID</b>	77125
<b>mRNA Refseq</b>	NM_001164724
<b>Protein Refseq</b>	NP_001158196
<b>Pathway</b>	Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;
<b>Function</b>	cytokine activity; cytokine activity; cytokine activity;

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