

Active Recombinant Mouse Interleukin 33, MIgG2a Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	118-266 a.a.
Description	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
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay.
Molecular Mass	43KDa (monomer)
AA Sequence	Gln118-Ile266
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions.

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Stability	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.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.
GENE INFORMATION	
Gene Name	IL33 interleukin 33 [<i>Mus musculus</i>]
Official Symbol	IL33
Synonyms	IL33; interleukin 33; interleukin-33; nuclear factor from high endothelial venules; IL-33; IL1f11; NF-HEV; 9230117N10Rik;
Gene ID	77125
mRNA Refseq	NM_001164724
Protein Refseq	NP_001158196
Pathway	Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;
Function	cytokine activity; cytokine activity; cytokine activity;