

## Recombinant Human IL33, His-tagged

Cat. No. IL33-59H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL33 (aa 1-270), fused at the C-terminus to a His-tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-270 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 IL1 family receptor that is selectively expressed on Th2 cells and mast cells.
<b>Form</b>	Liquid. 0.2µm-filtered solution in 55mM TRIS-HCl, pH 8.2, containing 150mM sodium chloride.
<b>Endotoxin</b>	<1.0EU/g purified protein (LAL test)
<b>Purity</b>	≥90% (SDS-PAGE)
<b>Storage</b>	-20°C
<b>Concentration</b>	0.25mg/ml

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## GENE INFORMATION

<b>Gene Name</b>	IL33 interleukin 33 [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL33
<b>Synonyms</b>	IL33; DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26; RP11-575C20.2; interleukin 33; interleukin-33; IL-33; IL-1F11; DVS27-related protein; interleukin-1 family member 11; nuclear factor for high endothelial venules; nuclear factor from high endothelial venules
<b>Gene ID</b>	90865
<b>mRNA Refseq</b>	NM_001199640
<b>Protein Refseq</b>	NP_001186569
<b>MIM</b>	608678
<b>UniProt ID</b>	O95760
<b>Chromosome Location</b>	9p24.1
<b>Pathway</b>	Cytosolic DNA-sensing pathway; Influenza A
<b>Function</b>	cytokine activity; protein binding

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