

Recombinant Human IL33, His-tagged

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

SPECIFICATION

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

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GENE INFORMATION

Gene Name	IL33 interleukin 33 [Homo sapiens (human)]
Official Symbol	IL33
Synonyms	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
Gene ID	90865
mRNA Refseq	NM_001199640
Protein Refseq	NP_001186569
MIM	608678
UniProt ID	O95760
Chromosome Location	9p24.1
Pathway	Cytosolic DNA-sensing pathway; Influenza A
Function	cytokine activity; protein binding

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