

## Recombinant Human IL33 Protein, Avi-tagged

**Cat. No.** IL33-218H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated recombinant Human IL-33 is produced by E. coli. The target gene encoding S111-T270 is expressed.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	111-270 a.a.
<b>Description</b>	Interleukin 33 (IL-33) is a cytokine that belongs to the IL-1 superfamily. IL-33 is expressed at high level in high endothelial venules found in tonsils, Peyer patches and mesenteric lymph nodes. As a type 2 cytokines, IL-33 plays a central role in helminthic infection and allergic disorders by amplifying immune responses during tissue injury. Studies also suggested that IL-33 might act as an intracellular nuclear factor besides the function of cytokine.
<b>Form</b>	Lyophilized from a 0.2 um filtered solution of PBS, pH7.2.
<b>Molecular Mass</b>	Predicted Molecular Weight: 18.1kDa Apparent Molecular Weight: 17-26kDa, reducing conditions.
<b>AA Sequence</b>	S111-T270
<b>Endotoxin</b>	Less than 0.1 ng/ug (1 EU/ug).

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<b>Purity</b>	>95%
<b>Storage</b>	Store at < -20 centigrade, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
<b>Quality Statement</b>	Purity: greater than 95% as determined by reducing SDS-PAGE.
<b>Shipping</b>	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.

## GENE INFORMATION

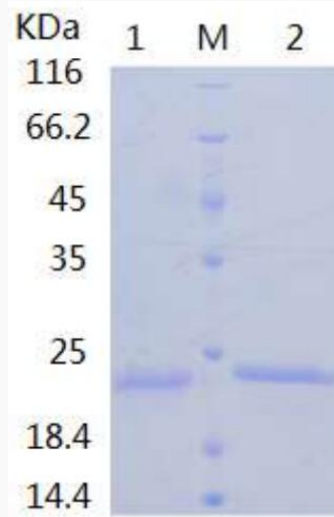
<b>Gene Name</b>	IL33 interleukin 33 [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL33
<b>Synonyms</b>	Interleukin-33; IL-33; Interleukin-1 Family Member 11; IL-1F11; Nuclear Factor From High Endothelial Venules; NF-HEV; IL33; C9orf26; IL1F11; NFHEV; DVS27; IL1F11; NFEHEV
<b>Gene ID</b>	90865
<b>mRNA Refseq</b>	NM_001199640.2
<b>Protein Refseq</b>	NP_001186569.1
<b>MIM</b>	608678
<b>UniProt ID</b>	O95760

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**SDS-PAGE**



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