

## Recombinant Human IL33 Protein, His-tagged

Cat. No. IL33-151H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human interleukin 33(IL33) protein, transcript variant 1(NM_033439), with a His tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	The protein encoded by this gene is a cytokine that binds to the IL1RL1/ST2 receptor. The encoded protein is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. Several transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.100, without any preservatives.
<b>Molecular Mass</b>	17.9 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

### GENE INFORMATION

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<b>Gene Name</b>	IL33 interleukin 33 [ Homo sapiens ]
<b>Official Symbol</b>	IL33
<b>Synonyms</b>	IL33; interleukin 33; C9orf26, chromosome 9 open reading frame 26 (NF HEV); interleukin-33; DKFZp586H0523; DVS27; DVS27 related protein; IL1F11; interleukin 1 family; member 11; NF HEV; nuclear factor for high endothelial venules; IL-33; IL-1F11; DVS27-related protein; interleukin-1 family member 11; nuclear factor from high endothelial venules; NF-HEV; NFEHEV; C9orf26; RP11-575C20.2;
<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

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