

# Recombinant Cynomolgus IL33 Protein, No Tag

## Product Information

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<b>Cat</b>	IMP-4717
<b>Official Symbol</b>	IL33
<b>Product Overview</b>	Recombinant cynomolgus IL33 (XP_005581824.1) (Ser112-Ile270) was expressed with an initial Met.
<b>Description</b>	Interleukin 33 (IL-33), also known as DVS27 or NF-HEV (Nuclear Factor from High Endothelial Venules), is a pro-inflammatory protein and a chromatin-associated cytokine of the IL-1 family with high sequence and structural similarity to IL-1 and IL-18. IL-33 protein is expressed highly and rather selectively by high endothelial venule endothelial cells (HEVECs) in human tonsils, Peyer's patches, and lymph nodes. IL-33 protein has transcriptional regulatory properties, and the researches suggested that IL-33 is a dual-function protein that might act both as a cytokine and as an intracellular nuclear factor. As a type 2 cytokines, IL-33 protein also play a pivotal role in helminthic infection and allergic disorders.
<b>Expression System</b>	<i>E. coli</i>
<b>Species</b>	Cynomolgus
<b>Tag</b>	No Tag
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant cynomolgus IL33 consists of 160 amino acids and predicts a molecular mass of 18.1 kDa.
<b>Protein length</b>	Ser112-Ile270
<b>Endotoxin</b>	Please contact us for more information.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
<b>SDS-PAGE</b>	

