

Active Recombinant Human IL33 protein, His-Avi-tagged, Biotinylated

Cat. No. IL33-0290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL33 protein(His109-Thr270), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	109-270 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-1RL1, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-33, His,Avitag with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 21.9 kDa. The protein migrates as 28-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His109-Thr270
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation Biotin

GENE INFORMATION

Gene Name [IL33 interleukin 33 \[Homo sapiens \]](#)

Official Symbol [IL33](#)

Synonyms 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;

Gene ID [90865](#)

mRNA Refseq [NM_001199640](#)

Protein Refseq [NP_001186569](#)

MIM [608678](#)

UniProt ID [O95760](#)

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