

# Active Recombinant Human IL33 protein

**Cat. No.** IL33-2572H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human IL33 protein(NP_254274.1)(Ser112-Thr270) is expressed from E.coli without tag.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 112-270 aa                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                              |
| <b>Bio-activity</b>     | Immobilized Human IL-33, No Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IL-1RL1, His Tag with the EC50 of 7.4ng/ml determined by ELISA.                                                      |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 18 kDa same as Bis-Tris PAGE result.                                                                                                                                                  |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                                                                |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                                        |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| <b>Reconstitution</b>   | Dissolve the lyophilized protein in distilled water.                                                                                                                                                                    |

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## GENE INFORMATION

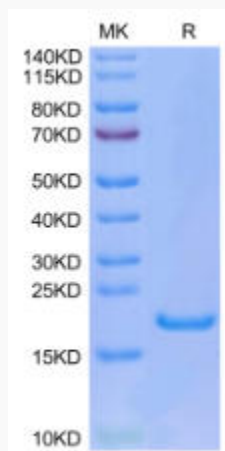
|                        |                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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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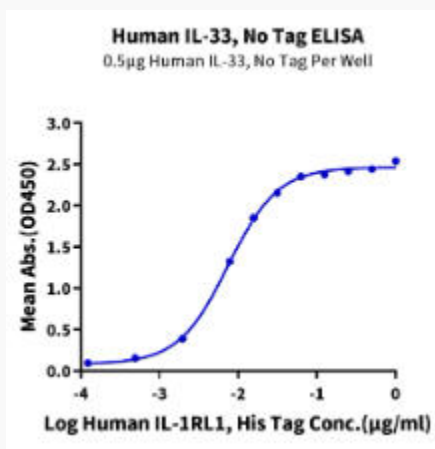
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## Bis-Tris PAGE



## ELISA Data



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