

Active Recombinant Human IL33 Protein

Cat. No. IL33-066H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-33 protein containing 159 amino acid residues (Ser112-Thr270) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	112-270 a.a.
Description	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.
Bio-activity	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED50 for this effect is 0.06-0.24 ng/mL.
Molecular Mass	17.9 kDa
Product-Related Proteins	112-270
Endotoxin	< 0.1 EU/μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
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Storage Buffer	PBS
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GENE INFORMATION

Gene Name	IL33 interleukin 33 [Homo sapiens (human)]
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Official Symbol	IL33
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Synonyms	IL33; interleukin 33; DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26; interleukin-33; Names; DVS27-related protein; interleukin-1 family member 11; nuclear factor for high endothelial venules; nuclear factor from high endothelial venules
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Gene ID	90865
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mRNA Refseq	NM_033439
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Protein Refseq	NP_254274
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MIM	608678
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UniProt ID	O95760
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