

Recombinant Full Length Human IL33 Protein, N-His-tagged

Cat. No. IL33-520HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IL33 Protein, fused to His-tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	30.6 kDa
AA Sequence	A DNA sequence encoding human full-length IL33.
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

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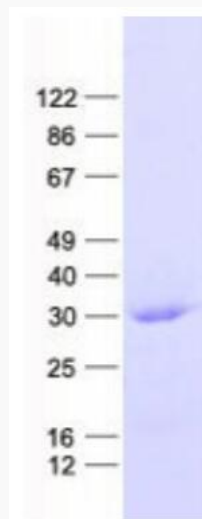
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Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Protein Pathways	Cytosolic DNA-sensing pathway
Full Length	Full L.
GENE INFORMATION	
Gene Name	IL33 interleukin 33 [Homo sapiens (human)]
Official Symbol	IL33
Synonyms	DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26
Gene ID	90865
mRNA Refseq	NM_033439.4
Protein Refseq	NP_254274.1
MIM	608678
UniProt ID	O95760

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SDS-PAGE

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