

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage At -80 centigrade. Avoid repeated freeze-thaw cycles.

Storage Buffer PBS

GENE INFORMATION

Gene Name IL33 interleukin 33 [Homo sapiens (human)]

Official Symbol IL33

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

Gene ID 90865

mRNA Refseq NM_033439

Protein Refseq NP_254274

MIM 608678

UniProt ID O95760

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA