

## Recombinant Human IL33 Protein, GST-tagged

Cat. No. IL33-5188H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human IL33 full-length ORF ( NP_254274.1, 1 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Interleukin 33 (IL-33) is a protein that in humans is encoded by the IL33 gene. Interleukin 33 is a member of the IL-1 family that potently drives production of T helper-2 (Th2)-associated cytokines (e.g., IL-4). IL33 is a ligand for ST2 (IL1RL1), an IL-1 family receptor that is highly expressed on Th2 cells, mast cells and group 2 innate lymphocytes. IL-33 is expressed by a wide variety of cell types, including fibroblasts, mast cells, dendritic cells, macrophages, osteoblasts, endothelial cells, and epithelial cells.
<b>Molecular Mass</b>	57.2 kDa
<b>AA Sequence</b>	MKPKMKYSTNKISTAKWKNTASKALCFKLGKSQQKAKEVCPMYFMKLRSGLMIKKE ACYFRRETTKRPSLKTGRKHKRHLVLAACQQQSTVECFAGISGVQKYTRALHDSSI TGISPITEYLASLSTYNDQSITFALEDESYEIYVEDLKKDEKKDKVLLSYYESQHPSNE SGDGVGDKMLMVTLSPTKDFWLHANNKEHSVELHKCEKPLPDQAFFVLHNMHSNC VSFECKTDPGVFIGVKDNHLALIKVDSSENLCTENILFKLSET
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

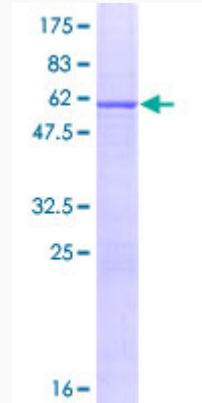
	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<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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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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