

## Product datasheet for **TP720601M**

### **IL33 (NM\_033439) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human interleukin 33 (IL33), transcript variant 1
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	S111-T270
<b>Tag:</b>	N-Avi
<b>Predicted MW:</b>	20.29 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Reconstitution Method:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_254274</a>
<b>Locus ID:</b>	90865
<b>UniProt ID:</b>	<a href="#">O95760</a>
<b>RefSeq Size:</b>	2718
<b>Cytogenetics:</b>	9p24.1
<b>RefSeq ORF:</b>	810
<b>Synonyms:</b>	C9orf26; DVS27; IL1F11; NF-HEV; NFEHEV



[View online »](#)

<b>Summary:</b>	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. [provided by RefSeq, Sep 2015]
<b>Protein Families:</b>	Secreted Protein
<b>Protein Pathways:</b>	Cytosolic DNA-sensing pathway