

# Product Datasheet

## Recombinant Human IL-33 Protein NBP2-76222-10ug

Unit Size: 10 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-76222-10ug****Recombinant Human IL-33 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Sterile water at 0.1 mg/mL
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
<b>Target Molecular Weight</b>	18.1 kDa

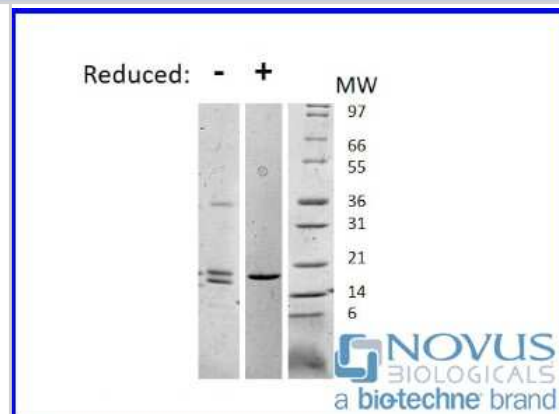
<b>Product Description</b>	
<b>Description</b>	For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80C and avoid repeat freeze thaws.  Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.
<b>Gene ID</b>	90865
<b>Gene Symbol</b>	IL33
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	IL-33 is a monomer, 18.1 kDa (160 aa)
<b>Preparation Method</b>	Protein is derived from genetically modified E. coli.
<b>Details of Functionality</b>	D10S cell proliferation, >2 x 10 <sup>6</sup> units/mg (ED50 acceptance criteria are <500 pg/mL).
<b>Endotoxin Note</b>	Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).

<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity
<b>Application Notes</b>	Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.

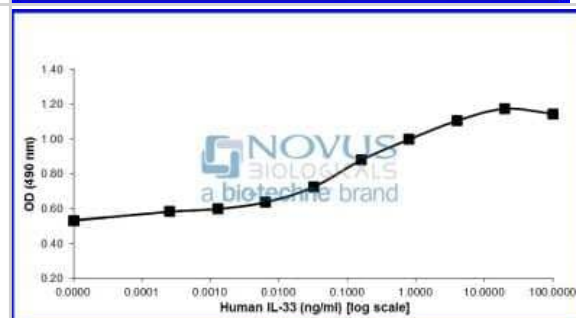


## Images

SDS-Page: Recombinant Human IL-33 Protein [NBP2-76222] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Human IL-33 Protein [NBP2-76222] - IL-33 induced proliferation of D10S cells.





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### **Limitations**

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