

# Product Datasheet

## Recombinant Human IL-33 Protein NBP2-34871-10ug

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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**NBP2-34871-10ug**

## Recombinant Human IL-33 Protein

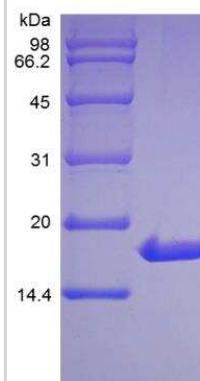
Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, 150 mM NaCl, 1mM EDTA, pH7.4.
Target Molecular Weight	17.9 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 159 amino acids corresponding to IL-33 <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> O95760  <b>Amino Acid Sequence:</b> SITGISPITE YLASLSTYND QSITFALEDE SYEIVYVEDLK KDEKKDKVLL SYYESQHPSN ESGDGVGKM LMVTLSP TKD FWLHANNKEH SVELHKCEKP LPDQAFFVLH NMHSNCVVSFE CKTDPGVFIG VKDNHLALIK VDSSENLCTE NILFKLSET
Gene ID	90865
Gene Symbol	IL33
Species	Human
Details of Functionality	IL33 Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine D10S cells is less than 0.05 ng/ml, corresponding to a specific activity of > 2.0 x 10 <sup>7</sup> IU/mg.
Endotoxin Note	Less than 1 EU/ug of IL-33 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

## Images

SDS-Page: Human IL-33 Protein [NBP2-34871]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-34871-10ug**

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NBP2-35248-10ug	Recombinant Rat IL-33 Protein
210-TA-005	TNF-alpha [Unconjugated]
AF3626	IL-33 Antibody [Unconjugated]
M6000B-1	IL-6 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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