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Datasheet for ABIN7504983  
**IL-33 Protein (AA 1-270)**

### Overview

|                          |                            |
|--------------------------|----------------------------|
| Quantity:                | 100 µg                     |
| Target:                  | IL-33 (IL33)               |
| Protein Characteristics: | AA 1-270                   |
| Origin:                  | Human                      |
| Source:                  | Escherichia coli (E. coli) |
| Protein Type:            | Recombinant                |

### Product Details

|                  |   |
|------------------|---|
| Sequence:        | Met1-Thr270   |
| Characteristics: | A DNA sequence encoding the Human IL-33 Protein(O95760)(Met1~Thr270)was expressed with a polyhistidine tag at the N-terminus. |
| Purity:          | >85 % as determined by reducing SDS-PAGE.   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | IL-33 (IL33)  |
| Alternative Name: | IL-33 ( <a href="#">IL33 Products</a> )   |
| Background:       | Background: Cytokine that binds to and signals through the IL1RL1/ST2 receptor which in turn activates NF-kappa-B and MAPK signaling pathways in target cells<br>Synonym: Interleukin-33,Interleukin-1 family member 11,IL-1F11,Nuclear factor from high endothelial venules,NF-HEV,IL33,C9orf26, IL1F11, NFHEV |
| Molecular Weight: | 33.1 kDa  |

## Target Details

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UniProt: [O95760](#)

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Pathways: [Production of Molecular Mediator of Immune Response](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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Expiry Date: 12 months

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