

Datasheet for ABIN7320998

**IL-33 Protein (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	IL-33 (IL33)
Origin:	Rhesus Monkey
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-33 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Rhesus macaque IL-33/Interleukin-33 Protein (His Tag)
Sequence:	Ser112-Ile270
Characteristics:	Recombinant Rhesus macaque Interleukin 33 is produced by our E.coli expression system and the target gene encoding Ser112-Ile270 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	IL-33 (IL33)
Alternative Name:	IL-33/Interleukin-33 ( <a href="#">IL33 Products</a> )
Background:	Background: Interleukin-33 (IL-33) belongs to the IL-1 superfamily. IL33 is highly expressed in endothelial venules found in tonsils, Peyer patches and mesenteric lymph nodes, but almost undetectable in placenta. IL33 induces the production of T helper-2 (Th2)-associated cytokines.

## Target Details

IL-33 is a cytokine that mediates its biological effects by binding to and signals through IL1RL1/ST2 and IL-1 Receptor Accessory Protein (IL1RAP), activating intracellular molecules in the NF- $\kappa$ B and MAP kinase signaling pathways that drive production of type 2 cytokines from polarized Th2 cells.

Synonym: Interleukin-33, IL-33, Interleukin-1 Family Member 11, IL-1F11, Nuclear Factor From High Endothelial Venules, NF-HEV, IL33, C9orf26, IL1F11, NFHEV

Molecular Weight: 20.3 kDa

UniProt: [F7DLG4](#)

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

## Application Details

Comment: 21 kDa

Restrictions: For Research Use only

## Handling

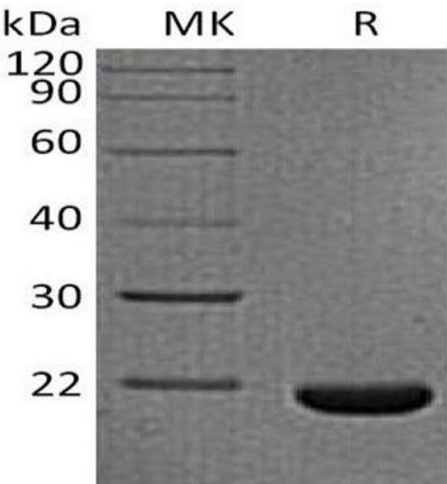
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

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.



Western Blotting

Image 1.