

Datasheet for ABIN7274937

IL-33 Protein (AA 109-270) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IL-33 (IL33)
Protein Characteristics:	AA 109-270
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-33 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus IL-33 Protein
Sequence:	His109-Ile270
Characteristics:	Recombinant Cynomolgus IL-33 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains His109-Ile270.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL-33 (IL33)
Alternative Name:	IL-33 (IL33 Products)

Target Details

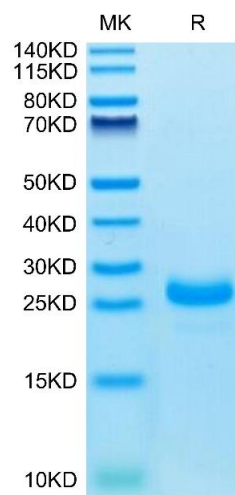
Background:	Interleukin-33 (IL-33) is a cytokine belonging to the IL-1 family, playing a role in inflammatory, infectious and autoimmune diseases and expressed in the cellular nucleus in several tissues. High levels of IL-33 are expressed in epithelial barrier tissues and endothelial barriers. ST2 is a receptor for IL-33, expressed selectively on a subset of Th2 cells, mediating some of their functions.
Molecular Weight:	19.2 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Tris-Bis PAGE result.
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Cynomolgus IL-33 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .