



[Go to Product page](#)

Datasheet for ABIN7504436
IL18R1 Protein (AA 19-329) (Fc Tag)

Overview

Quantity:	100 µg
Target:	IL18R1
Protein Characteristics:	AA 19-329
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL18R1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human IL-18 R1/CD218a Protein
Sequence:	Ala19-Arg329
Characteristics:	Recombinant Human IL-18 R1/CD218a Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Ala19-Arg329.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL18R1
Alternative Name:	IL-18 R1 (IL18R1 Products)

Target Details

Background: Interleukin-18 (IL-18) is a member of the interleukin-1 family of cytokines produced constitutively by different cell types and by adipose tissue. Interleukin (IL)-18 was originally discovered as a factor that enhanced IFN- γ production from anti-CD3-stimulated Th1 cells, especially in the presence of IL-12. Upon stimulation with Ag plus IL-12, naive T cells develop into IL-18 receptor (IL-18R) expressing Th1 cells, which increase IFN- γ production in response to IL-18 stimulation.

Molecular Weight: 62.52 kDa. Due to glycosylation, the protein migrates to 75-95 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{mL}$ is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 $^{\circ}\text{C}$, -80 $^{\circ}\text{C}$

Storage Comment: -20 to -80 $^{\circ}\text{C}$ for 12 months as supplied from date of receipt., -80 $^{\circ}\text{C}$ for 3-6 months after reconstitution., 2-8 $^{\circ}\text{C}$ 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