

[Go to Product page](#)

Datasheet for ABIN7454151

IL18BP Protein (AA 28-207) (His tag)

Overview

Quantity:	100 µg
Target:	IL18BP
Protein Characteristics:	AA 28-207
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL18BP protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus IL-18BP Protein
Sequence:	Thr28-Pro207
Characteristics:	Recombinant Cynomolgus IL-18BP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Thr28-Pro207.
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.
Biological Activity Comment:	Immobilized Human IL-18, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Cynomolgus IL-18BP, His Tag with the EC50 of 3.2ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	IL18BP
Alternative Name:	IL-18BP (IL18BP Products)
Background:	Cytokines were the first modern immunotherapies to produce durable responses in patients with advanced cancer, components of the interleukin-18 (IL-18) pathway are upregulated on tumour-infiltrating lymphocytes, suggesting that IL-18 therapy could enhance anti-tumour immunity. IL-18BP, a high-affinity IL-18 decoy receptor, is frequently upregulated in diverse human and mouse tumours and limits the anti-tumour activity of IL-18 in mice.
Molecular Weight:	21.14 kDa. Due to glycosylation, the protein migrates to 35-65 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5UDJ4

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

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