

Active Recombinant Cynomolgus IL18BP protein, His-tagged

Cat. No. IL18BP-57C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL18BP protein(A0A2K5UDJ4)(Thr28-Pro207) is expressed from HEK293 with His tag at the C-Terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	28-207 a.a.
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	The protein has a predicted MW of 21.14 kDa. Due to glycosylation, the protein migrates to 35-65 kDa based on Tris-Bis PAGE result.
Proteinlength	Thr28-Pro207
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

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Storage

-20 to -80°C for 12 months as supplied from date of receipt.
 -20 to -80°C for 3-6 months in unopened state 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.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL18BP interleukin 18 binding protein [Homo sapiens]

Official Symbol IL18BP

Synonyms IL18BP; interleukin 18 binding protein; interleukin-18-binding protein; IL18BPα; MC51L 53L 54L homolog gene product; IL-18BP; tadekinig-alfa; MC51L-53L-54L homolog gene product

Gene ID 10068

mRNA Refseq NM_001039659

Protein Refseq NP_001034748

MIM 604113

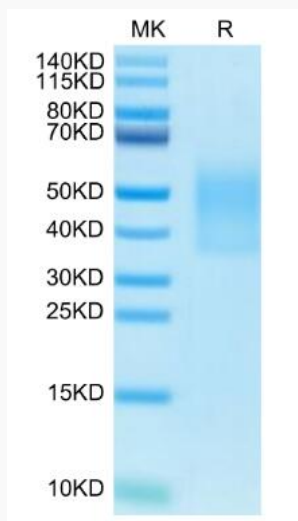
UniProt ID O95998

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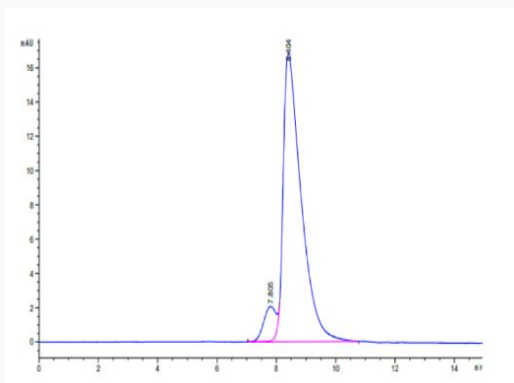
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Tris-Bis PAGE



SEC-HPLC

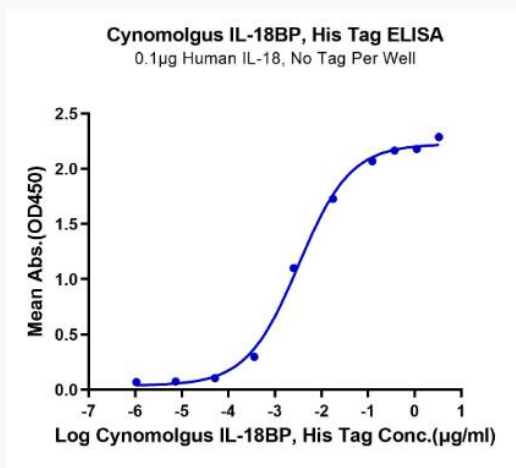


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ELISA Data



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