

Active Recombinant Human IL18BP protein, His-tagged, Low Endotoxin

Cat. No. IL18BP-3165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18BP protein(O95998-2)(Thr31-Gly194), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-194 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human IL-18BP, His Tag on Anti-His-Biosensor can bind Human IL-18, No Tag with an affinity constant of 1.80 nM as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 18.7 kDa. Due to glycosylation, the protein migrates to 40-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

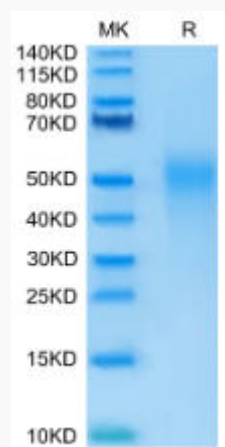
UniProt ID O95998

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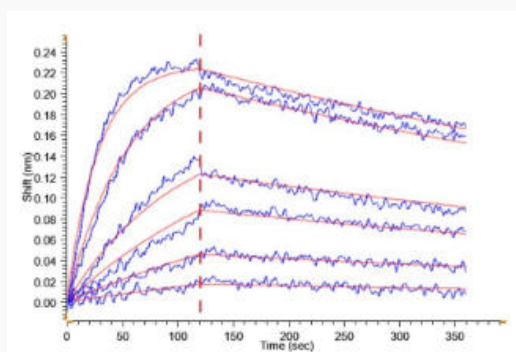
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Bis-Tris PAGE



BLI Data



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