

## Recombinant Human IL18BP protein(Met1-Gly192), hFc-tagged

Cat. No. IL18BP-2327H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL18BP (AAD17187.1) (Met1-Gly192) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly192
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to inhibit the IL-18-induced response of KG-1 human acute myelogenous leukemia cells. The ED50 for this effect is 0.1-0.6 µg/mL in the presence of 50 ng/mL of recombinant human IL-18.
<b>Molecular Mass</b>	The recombinant human IL18BP consists of 402 amino acids and predicts a molecular mass of 44.4 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** IL18BP interleukin 18 binding protein [ Homo sapiens ]

**Official Symbol** IL18BP

**Synonyms** IL18BP; interleukin 18 binding protein; interleukin-18-binding protein; IL18BPa; 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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