

Active Recombinant Human IL18BP protein, Fc-tagged

Cat. No. IL18BP-1615H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18BP protein(Thr31-Gly194), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-194 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Human IL-18BP, Fc Tag captured on CM5 chip via Anti-human IgG Fc antibodies surface can bind Human IL-18, Tag Free with an affinity constant of 1.71 nM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 44.3 kDa. The protein migrates as 56-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Thr31-Gly194
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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; 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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