

Active Recombinant Human IL18BP, Fc Chimera

Cat. No. IL18BP-264H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18BP (Accession # AAD17190) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Thr29
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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 typically 0.02 - 0.12 µg/mL in the presence of 40 ng/mL of rhIL-18.
Molecular Mass	Recombinant Human IL18BP, Fc Chimera has a calculated MW of 44.2 kDa (monomer). In SDS-PAGE migrates as 60-80 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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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
Chromosome Location	11q13