

Active Recombinant Human IL18BP protein, hFc&His-tagged

Cat. No. IL18BP-2683H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-18BP Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Thr31-Gly194) of human IL18BP (Accession #NP_001034748.1) fused with an Fc, 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Thr31-Gly194
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human IL18BP at 2 µg/mL (100 µL/well) can bind IL18 with a linear range of 0.128-47.02 ng/mL.
Molecular Mass	60-75 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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; IL18BP α ; 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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