

Active Recombinant Human IL18BP protein, hFc&His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human IL18BP protein(NP_001034748.1)(Thr31-Gly194) is expressed in HEK293, fused with an Fc, 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	31-194 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
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	44.42 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. 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

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

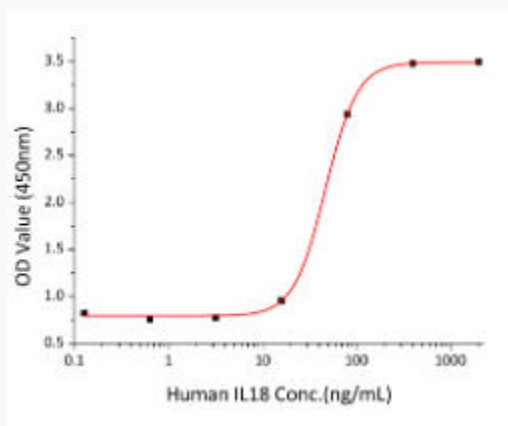
UniProt ID [O95998](#)

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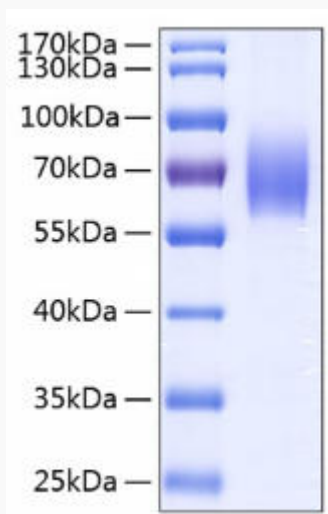
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Activity



SDS-PAGE



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