

Recombinant Human IL18BP protein, hFc-tagged

Cat. No. IL18BP-162H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18BP protein(O95998-2)(Thr31-Gly194), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Thr31-Gly194
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-18 at 5ug/ml (100ul/Well) on the plate. Dose response curve for Human IL-18BP, hFc Tag with the EC50 of 16.9ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 44.4 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

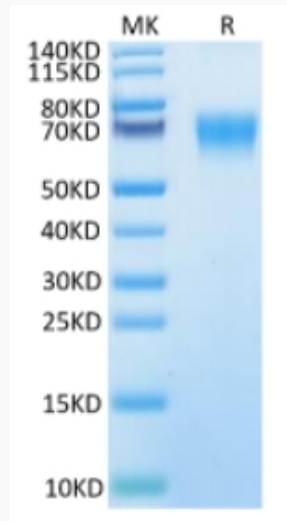
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled 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; 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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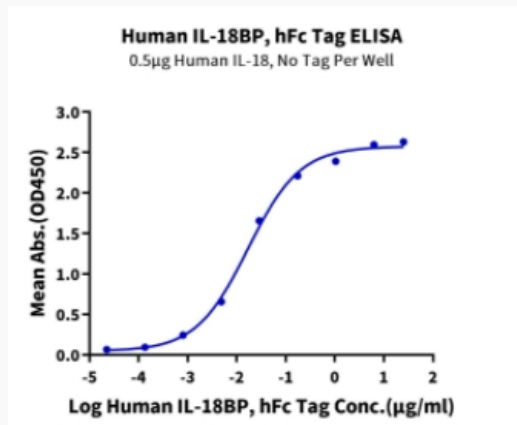
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Tris-Bis PAGE



ELISA Data



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