

Recombinant Human IL18BP Protein, Thr31-Gly194, C-His-Avi tagged, Biotinylated

Cat. No. IL18BP-135H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IL-18BP-C-His-Avi protein was developed from HEK293 and has a target region of C-His-Avi.
Species	Human
Source	HEK293
ProteinLength	Thr31-Gly194
Description	<p>The protein encoded by this gene functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in mononuclear cells. Elevated level of this protein is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p>
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Notes	FOR RESEARCH USE ONLY (RUO).

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Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.
Storage Buffer	Lyophilised from 0.2 µm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
Conjugation	Biotin
GENE INFORMATION	
Gene Name	IL18BP interleukin 18 binding protein [Homo sapiens (human)]
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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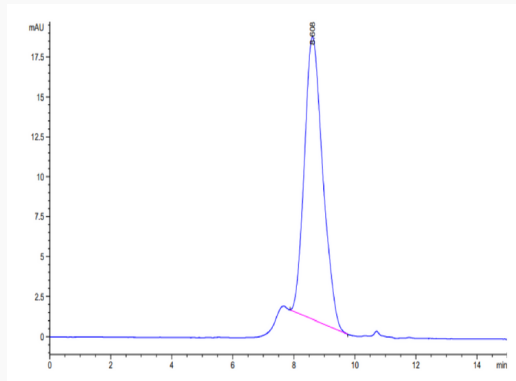
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Biotinylated Human IL-18BP on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human IL-18BP is greater than 95% as determined by SEC-HPLC.



Immobilized Human IL-18 at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Human IL-18BP, His Tag with the EC50 of

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6.1 ng/mL
determined by
ELISA.

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