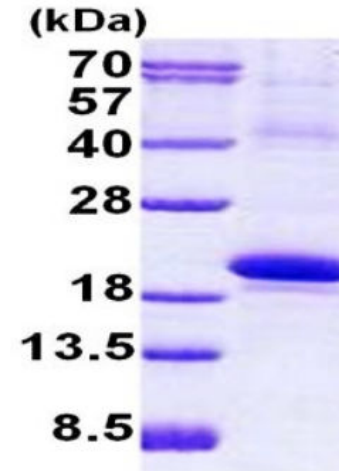


# IL18BP, human recombinant

<b>CATALOG #:</b>	7324-100	100 µg
<b>ALTERNATE NAMES:</b>	Interleukin-18-binding protein, IL18BPa	
<b>SOURCE:</b>	E. coli	
<b>PURITY:</b>	> 90% by SDS-PAGE	
<b>MOL. WEIGHT:</b>	20 kDa (187 aa, 31-194 aa + His Tag), confirmed by MALDI-TOF.	
<b>ENDOTOXIN LEVEL:</b>	< 1.0 EU per 1 µg of protein	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea and 10% glycerol.	
<b>STORAGE CONDITIONS:</b>	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.	



15% SDS-PAGE (3µg)

IL18BP, human recombinant

**DESCRIPTION:** IL18BP 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. Recombinant human IL18BP protein, fused to His-tag at N-terminus, was expressed in E.coli.

<b>AMINO ACID SEQUENCE:</b>	MGSSHHHHHH	SSGLVPRGSH	MGSTPVSQTT
	TAATASVRST	KDPCPSQPPV	FPAAKQCPAL
	EVTWPEVEVP	LNGTLSLSCV	
	ACSRFPNFSI	LYWLGNGSFI	EHLPGRLWEG
	STSRERGSTG	TQLCKALVLE	
	QLTPALHSTN	FSCVLVDPEQ	VVQRHVLAQ
	LWAGLRATLP	PTQEALPSSH	
	SSPQQQG		

**RELATED PRODUCTS:**

- IRF2, human recombinant (Cat. No. 7322-100)
- IRF3, human recombinant (Cat. No. 7323-100)
- IL1F10, human recombinant (Cat. No. 7325-100)
- IL18, mouse recombinant (Cat. No. 7326-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**

