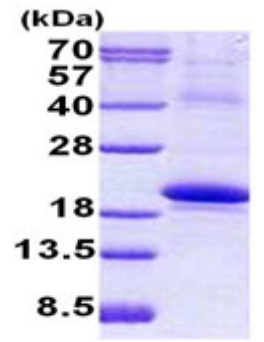


AR50764PU-S**Human IL18BP (31-194, His-tag) - Purified**

Alternate names:	IL-18BP, Interleukin-18-binding protein, Tadekinig-alfa
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	O95998
NCBI:	NP_001138529
GeneID:	10068
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Description:	Recombinant human IL18BP protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSTPVSQTT TAATASVRST KDPCPSQPPV FPAAKQCPAL EVTWPEVEVP LNGTLSLSCV ACSRFPNFSI LYWLGNGSFI EHLPGRLWEG STSRERGSTG TQLCKALVLE QLTPALHSTN FSCVLVDPEQ VVQRHVLAQ LWAGLRATLP PTQEALPSSH SSPQQQG Molecular weight: 20.0 kDa (187aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Shimizu,C., et al. (2012) Mod Rheumatol 22 (1), 73-79Fujita,T.,et al. (2011) Diabetes Res. Clin. Pract. 92 (3), E66-E69

Pictures:



15% SDS-PAGE (3ug)