

Recombinant Human IL18BP, GST-tagged

Cat. No. IL18BP-14162H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18BP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	30-194a.a.
Description	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 Crohns disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

 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

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
Chromosome Location	11q13
Function	interleukin-18 binding; receptor antagonist activity;