

## 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<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	IL18BP interleukin 18 binding protein [ Homo sapiens ]
<b>Official Symbol</b>	IL18BP
<b>Synonyms</b>	IL18BP; interleukin 18 binding protein; interleukin-18-binding protein; IL18BPa; MC51L 53L 54L homolog gene product; IL-18BP; tadekinig-alfa; MC51L-53L-54L homolog gene product;
<b>Gene ID</b>	10068
<b>mRNA Refseq</b>	NM_001039659
<b>Protein Refseq</b>	NP_001034748
<b>MIM</b>	604113
<b>UniProt ID</b>	O95998
<b>Chromosome Location</b>	11q13
<b>Function</b>	interleukin-18 binding; receptor antagonist activity;

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