

## 32-1485: IL18BP Recombinant Protein

**Alternative Name :** Interleukin 18 Binding Protein, MC51L-53L-54L Homolog Gene Product, Tadekinig-Alfa, IL-18BP, IL18BPα, Interleukin-18-binding protein, Tadekinig-alfa.

### Description

Source : Escherichia Coli. IL18BP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 187 amino acids (31-194 a.a) and having a molecular mass of 20kDa. IL18BP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Interleukin-18 Binding Protein (IL18BP) serves as an inhibitor of the proinflammatory cytokine, IL18. IL18BP binds IL18, inhibits the binding of IL18 to its receptor, and consequently inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. The IL18BP protein is constitutively expressed and secreted in mononuclear cells. Elevated levels of IL18BP protein are detected in the intestinal tissues of patients with Crohn's disease.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** IL18BP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSTPVSQTT TAATASVRST KDPCPSQPPV FPAAKQCPAL  
 EVTWPEVEVPLNGTSLSCV ACSRFPNFSI LYWLGNGSFI EHLPGRLWEG STSRERGSTG TQLCKALVLE  
 QLTPALHSTNFSCVLVDPEQ VVQRHVLAQ LWAGLRATLP PTQEALPSSHSPQQQG.

