

32-1485: IL18BP Recombinant Protein

Alternative Name : Interleukin 18 Binding Protein,MC51L-53L-54L Homolog Gene Product,Tadekinig-Alfa, IL-18BP,IL18BPa,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 PTQEALPSSHSSPQQG.