9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL18BP Human

Interleukin-18 Binding Protein Human Recombinant
CYK0390

Product Overview

Name	IL18BP Human
Description	
Interleukin-18 Binding Protein Human Recombinant	
Accession (Primary)	O95998
Synonyms	
Interleukin 18 Binding Protein, MC51L-53L-54L Homolog Gene Product, Tadekinig-Alfa, IL-18BP, IL18BPa, Interleukin-18-binding protein, Tadekinig-alfa.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
IL18BP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS TPVSQTT TAATASVRST KDPCPSQPPV FPAAKQCPAL EVTWPEVEVP LNGTLSLSCV ACSRFPNFSI LYWLGNGSFI EHLPGRLWEG STSRERGSTG TQLCKALVLE QLTPALHSTN FSCVLVDPEQ VVQRHVVLAQ LWAGLRATLP PTQEALPSSH SSPQQQG.	

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Precautions

IL18BP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95998)