

PRODUCT INFORMATION

IL18BP **Target**

Synonyms FVH;IL18BPa

Recombinant human IL18BP protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** 095998 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

IL18BP(Thr31-Gly194) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

43.8 kDa after removal of the signal peptide. The apparent molecular mass of IL18BP-hFc is **Molecular Weight** approximately 53-70 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 IFNgamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in

Background mononuclear cells. Elevated level of this protein is

detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb.

2011]

Usage Research use only

Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com





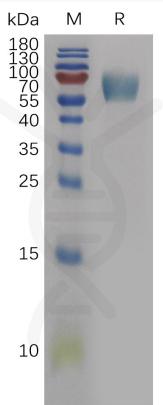


Figure 1. Human IL18BP Protein, hFc Tag on SDS-PAGE under reducing condition.



