

Product Information

MemDX™ Membrane Protein Human IL18BP (Interleukin 18 binding protein) for Antibody

Discovery

Cat. No.: **MP0552X**

This product is for research use only and is not intended for diagnostic use.

This product is a 43.78 kDa Human IL18BP membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

IL18BP

Protein Length

Full-length

Molecular Weight

43.78 kDa

Sequence

TPVSQTTTAATASVRSTKDPSPQPPVFPAKQCPALEVTWPEVEVPLNGTSLSCVACSRFPNFSILYWLGNFSFIEHLPGRLEWE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

IL18BP

Full Name

Interleukin 18 binding protein

Introduction

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 Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene

Alternative Names

FVH; IL18BPα

Gene ID

[10068](#)

UniProt ID

[O95998](#)