

# **Product datasheet for AR50764PU-S**

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# IL18BP (31-194, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** IL18BP (31-194, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** MGSSHHHHHH SSGLVPRGSH MGSTPVSQTT TAATASVRST KDPCPSQPPV FPAAKQCPAL

or AA Sequence: EVTWPEVEVP LNGTLSLSCV ACSRFPNFSI LYWLGNGSFI EHLPGRLWEG STSRERGSTG

TQLCKALVLE QLTPALHSTN FSCVLVDPEQ VVQRHVVLAQ LWAGLRATLP PTQEALPSSH SSPQQQG

Tag: His-tag

Predicted MW: 20.0 kDa

Concentration: lot specific

Purity: >90% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human IL18BP protein, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 001034748

**Locus ID:** 10068

UniProt ID: <u>095998</u>, <u>A0A024R5G2</u>

**Cytogenetics:** 11q13.4

**Synonyms:** FVH; IL18BPa





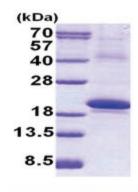
**Summary:** 

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. [provided by RefSeq, Feb 2011]

**Protein Families:** 

Druggable Genome, Secreted Protein

# **Product images:**



15% SDS-PAGE (3ug)