

Datasheet for ABIN5854726

IL18BP Protein (AA 31-194) (hIgG-His-tag)



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1 Image

Overview

Quantity:	50 µg
Target:	IL18BP
Protein Characteristics:	AA 31-194
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL18BP protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	TPVSQTT TAATASVRST KDPCPSQPPV FPAKQCPAL EVTWPEVEVP LNGTSLSCV ACSRFPNFSI LYWLGNGSFI EHLPGRLWEG STSRERGSTG TQLCKALVLE QLTPALHSTN FSCVLVDPEQ VVQRHVLAQ LWAGLRATLP PTQEALPSSH SSPQQQG
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1µg of protein (determined by LAL method)

Target Details

Target:	IL18BP
Alternative Name:	IL-18BP (IL18BP Products)
Background:	IL18BP, as known as interleukin-18-binding protein isoform, is a secreted glycoprotein. It belongs to the interleukin 1 receptor family. This protein functions as an IL18 antagonist by

Target Details

binding to IL18 and blocking its biological activity. Also, it is essential for IL18 mediated signal transduction. The expression of IL18BP is markedly upregulated by IFN-gamma, suggesting that IL18 activity is modulated by a negative feedback mechanism mediated by IL18BP.

Recombinant human IL18BP, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight:	44.9 kDa (406aa)
NCBI Accession:	NP_001138529
UniProt:	O95998

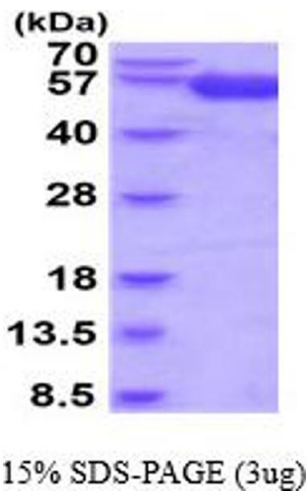
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

Images



SDS-PAGE

Image 1.