Datasheet for ABIN7317284

Intestinal Alkaline Phosphatase Protein (ALPI) (Fc Tag)

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Overview

Quantity:	50 µg
Target:	Intestinal Alkaline Phosphatase (ALPI)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Intestinal Alkaline Phosphatase protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Alkaline Phosphatase/ALPI Protein (Fc Tag)(Active)
Sequence:	Met 1-Asp 503
Characteristics:	A DNA sequence encoding the mature form of human ALPI (P09923) (Met 1-Asp 503),without the pro peptide, was fused with a polyhistidine tag at the C-terminus.
Purity:	> 83 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave a fluorogenic substrate, 4-Methylumbelliferyl phosphate (4-MUP).The specific activity is > 10,000 pmoles/min/µg.

Target Details

Target:	Intestinal Alkaline Phosphatase (ALPI)

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Target Details

Alternative Name:	Alkaline Phosphatase/ALPI (ALPI Products)
Background:	Background: Interferon-alpha/beta receptor alpha chain (IFNAR1) is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The encoded protein also functions as an antiviral factor. Tyk2 slows down IFNAR1 degradation and that this is due, at least in part, to inhibition of IFNAR1 endocytosis. Mutant versions of IFNAR1, in which Tyr466 is changed to phenylalanine, can act in a dominant negative manner to inhibit phosphorylation of STAT2. These observations are consistent with a model in which IFNAR1 mediates the interaction between JAK kinases and the STAT transcription factors. Synonym: IAP
Molecular Weight:	79.5 kDa
UniProt:	P09923

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.