Datasheet for ABIN2714569

Intestinal Alkaline Phosphatase Protein (ALPI) (Myc-DYKDDDDK Tag)

| 1 | Image |

Overview

Quantity:	20 µg
Target:	Intestinal Alkaline Phosphatase (ALPI)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Intestinal Alkaline Phosphatase protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human Alkaline phosphatase / ALPI / IAP protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Intestinal Alkaline Phosphatase (ALPI)
Alternative Name:	Alkaline Phosphatase,alpi,iap (ALPI Products)
Background:	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is a component of the gut mucosal defense system and is thought to function in the detoxification of lipopolysaccharide, and in the prevention of bacterial translocation in the gut.

Target Details

Molecular Weight:	54.7 kDa
NCBI Accession:	NP_001622

Application Details

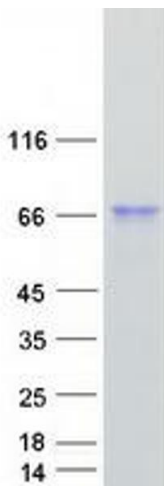|	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Validation report #102757 for Western Blotting (WB)

Western Blotting

Image 1. Validation with Western Blot