

Datasheet for ABIN7562740

## Intestinal Alkaline Phosphatase Protein (ALPI) (AA 1-557) (His tag)



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### Overview

Quantity:	1 mg
Target:	Intestinal Alkaline Phosphatase (ALPI)
Protein Characteristics:	AA 1-557
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Intestinal Alkaline Phosphatase protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinant protein expressed in mammalian cells.
Sequence:	<p>MALQVMFGLE FFLVLEALLF LFTCYQVVK A GRILDEIQDK LSEVKG RERV GTRKRYGTQN</p> <p>KYTGLSKGLE PEEKLRLGRN TWREIRRKRG KREKKKDQLA EVSRKRSLCS SLDGLGKPAL</p> <p>SSSEAGEESS SEETDWEEEA AHYQPANWSR KKPKAAGEGQ FADWPQGSRL QGPPYAESPP</p> <p>CVVRQQCAER CAERQCAERQ CADSFIPREE QRKIQAAPV FEGAEGGRVH APVEYLQIKE</p> <p>IAESVRKYGT NANFTLVQLD RLAGMALTPA DWQTVVKAAL PSMGKYMWR ALWHEAAQAQ</p> <p>ARANAAALTP EQRDWTFDLL TGQGAYSADQ TNYHWGAYAQ ISSTAIRPGR RSRAGETTQ</p> <p>LTKIIQGPQE SFSDFVARMT EAAERIFGES EQAAPLIEQL IYEQATKECR AVHSPKKEQR</p> <p>LTRLAQGLSR AWGKPRLLKT DNGPAYTSQK FQQFCRQMDV THLTGLPYNP QGQGIVERAH</p> <p>RTLKAYLIKQ KRGTFEETVP RAPRVSVSLA LFTLNFLNID AHGHTAAERH VQSQIGPMRW</p> <p>LNGKMSLIIN GMARILS <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b></p>

## Product Details

**another tag necessary. In case you have a special request, please contact us.**

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

## Target Details

### Target:

Intestinal Alkaline Phosphatase (ALPI)

### Alternative Name:

lap ([ALPI Products](#))

### Background:

IgE-binding protein

### Molecular Weight:

62.7 kDa

### UniProt:

[P03975](#)

## Application Details

### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

### Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months