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## Datasheet for ABIN1461918 ILK Protein (AA 1-451) (His tag)

### Overview

Quantity:	1 mg
Target:	ILK
Protein Characteristics:	AA 1-451
Origin:	Guinea Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ILK protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLW ACREGRSAVV EMLIMRGARI NVMNRGDDTP LHLAASHGHR DIVQKLLQYK ADINAVNEHG NVPLHYACFW GQDQVAEDLV ANGALVSICN KYGEMPMDKA KAPLRELLRE RAEKMGQNLN RIPPYKDTFWK GTTRTRPRNG TLNKHSGIDF KQLNFLAKLN ENHSGELWKG RWQGNDIVVK VLKVRDWSTR KSRDFNEECP RLRIFSHPNV LPVLGACQSP PAPHPTLITH WMPYGSLYNV LHEGTNFVVD QSQAVKFALD MARGMAFLHT LEPLIPRHAL NSRSVMIDED MTARISMADV KFSFQCPGRM YAPAWVAPEA LQKKPEDTNR RSADMWSFAV LLWELVTREV PFADLSNMEI GMKVALEGRP TIPPGISPHV CKLMKICMNE DPAKRPKFDM IVPILEKMQD K
Specificity:	Cavia porcellus (Guinea pig)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: ILK

Alternative Name: Integrin-linked protein kinase (ILK) ([ILK Products](#))

Background: Recommended name: Integrin-linked protein kinase.  
EC= 2.7.11.1.  
Alternative name(s): Beta-integrin-linked kinase

UniProt: [P57044](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Regulation of Cell Size](#), [Maintenance of Protein Location](#), [Skeletal Muscle Fiber Development](#), [Smooth Muscle Cell Migration](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.