

Datasheet for ABIN1000951
ILK Protein (AA 1-452) (His tag)



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Overview

Quantity:	10 µg
Target:	ILK
Protein Characteristics:	AA 1-452
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ILK protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Integrin-Linked Kinase (ILK) (Western Blot Control)
Sequence:	MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MDDIFTQCRE GNAVAVRLWL DNTENDLNQG DDHGFSPHLHW MIVPILEKMQ DK
Characteristics:	recombinant ILK1 comprises a 452 amino acid fragment (1-452) corresponding to the mature ILK1 fulllength protein and is expressed in E. coli with an aminoterminal hexahistidine tag.

Product Details

Purity: > 95 %

Target Details

Target: ILK

Alternative Name: Integrin-Linked Kinase ([ILK Products](#))

Background: Integrin-linked kinase (ILK1) is a serine/threonine protein kinase, containing 4 ankyrin-like repeats. ILK1 interacts with the cytoplasmic domains of integrin β 1 and β 3 subunits as well as several adaptors and signalling proteins and acts as a proximal receptor kinase regulating integrin-mediated signal transduction. ILK1 has been reported to regulate a number of biological properties including anchorage-independent cell cycle progression, tumour cell invasion and apoptosis. Over-expression of ILK1 has been documented in a wide variety of human malignancies.,ILK-1, ILK-2, 59 kDa serine/threonine-protein kinase, p59, p59ILK.

Molecular Weight: 55.92 kDa

UniProt: [Q13418](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C