

Product datasheet

Recombinant Human Integrin linked ILK protein ab83119

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Description

Product name	Recombinant Human Integrin linked ILK protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q13418</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	1 to 452
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab83119** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot
Form	Liquid

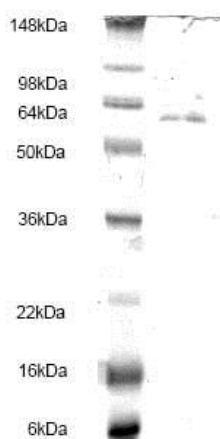
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.20 Constituents: PBS, 50% Glycerol
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General Info

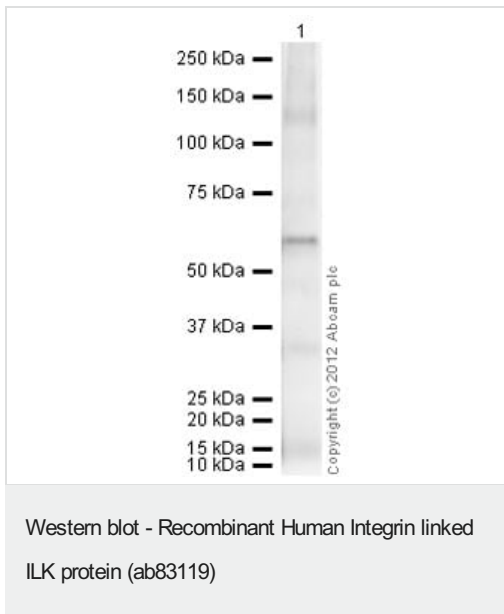
Function	Receptor-proximal protein kinase regulating integrin-mediated signal transduction. May act as a mediator of inside-out integrin signaling. Focal adhesion protein part of the complex ILK-PINCH. This complex is considered to be one of the convergence points of integrin- and growth factor-signaling pathway. Could be implicated in mediating cell architecture, adhesion to integrin substrates and anchorage-dependent growth in epithelial cells. Phosphorylates beta-1 and beta-3 integrin subunit on serine and threonine residues, but also AKT1 and GSK3B.
Tissue specificity	Highly expressed in heart followed by skeletal muscle, pancreas and kidney. Weakly expressed in placenta, lung and liver.
Sequence similarities	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Contains 5 ANK repeats. Contains 1 protein kinase domain.
Domain	A PH-like domain is involved in phosphatidylinositol phosphate binding.
Post-translational modifications	Autophosphorylated on serine residues.
Cellular localization	Cell junction > focal adhesion. Cell membrane.

Images



SDS-PAGE showing ab83119.

SDS-PAGE - Recombinant Human Integrin linked
ILK protein (ab83119)



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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