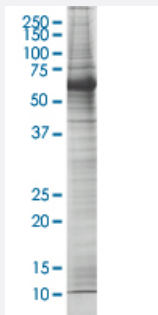


ILK HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L134T6

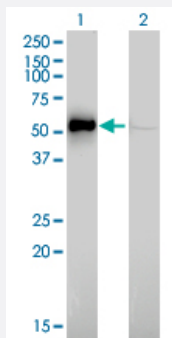
Size 100 ug

Applications



SDS-PAGE Gel

ILK transfected lysate



Western Blot

Lane 1: ILK transfected lysate (51.4 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line HEK293

Plasmid pCMV-ILK full length

Host Human

Theoretical MW (kDa) 51.4

Lysis Buffer Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.

Concentration 2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ILK antibody ([H00003611-M01](#)) by Western Blots.
SDS-PAGE Gel
ILK transfected lysate
Western Blot
Lane 1: ILK transfected lysate (51.4 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — ILK

Entrez GeneID

[3611](#)

GeneBank Accession#

[BC001554](#)

Protein Accession#

[AAH01554](#)

Gene Name

ILK

Gene Alias

DKFZp686F1765, P59

Gene Description

integrin-linked kinase

Omim ID

[602366](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Transduction of extracellular matrix signals through integrins influences intracellular and extracellular functions, and appears to require interaction of integrin cytoplasmic domains with cellular proteins. Integrin-linked kinase (ILK), interacts with the cytoplasmic domain of beta-1 integrin. This gene encodes a serine/threonine protein kinase with 4 ankyrin-like repeats, which associates with the cytoplasmic domain of beta integrins and acts as a proximal receptor kinase regulating integrin-mediated signal transduction. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

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Pathway

- [Endometrial cancer](#)
- [Focal adhesion](#)
- [PPAR signaling pathway](#)