



**Integrin-linked kinase (ILK1) Human, Recombinant, *E. coli***

**Cat. No.:** RCP9198      **Size:** 10µg  
RCP9199                      100µg  
RCP9299                      1000µg

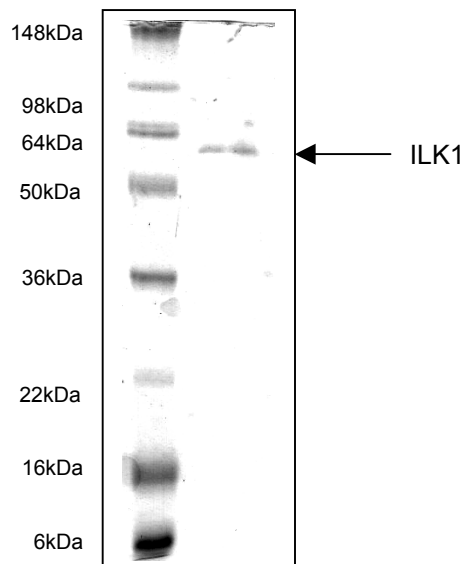
**Synonym:** ILK-1, ILK-2, 59 kDa serine/threonine-protein kinase, p59, p59ILK.

**Description:** Integrin-linked kinase (ILK1) is a serine/threonine protein kinase, containing 4 ankyrin-like repeats. ILK1 interacts with the cytoplasmic domains of integrin  $\beta 1$  and  $\beta 3$  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.

**RANDOX** recombinant ILK1 comprises a 452 amino acid fragment (1-452) corresponding to the mature ILK1 full-length protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:** Liquid

**Purity:** >95% by SDS-PAGE



**References:** Hannigan G.E. *et al Nature*. 1996. **379 (6560)** : 91-6.

Marotta A. *et al, BJC* 2003 **88** :1755-1762