Integrin-linked kinase (ILK1) | Human, Recombinant, *E. coli*
---|---
Cat. No.: | Size:
RCP9198 | 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 β1 and β3 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:**
- Marotta A. *et al*, *BJC* 2003 **88** :1755-1762