

## Recombinant Human ILK protein, His-tagged

Cat. No. ILK-3586H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ILK protein(102-451 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	102-451 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	VPLHYACFWGQDQVAEDLVANGALVSICNKYGEMPVDKAKAPLRELLRERAEKMG QNLNRIPYKDTFWKGTTRTRPRNGTLNKHSGIDFKQLNFLTCLNENHSGELWKGRW QGNDIVVKVLKVRDWSTRKSRDFNEECPRLRIFSHPNVLPVLGACQSPPAPHPTLIT HWMPYGSLYNLHEGTNFVVDQSQAVKFALDMARGMAFLHTLEPLIPRHALNSRSV MIDEDMTARISMADVKFSFQCPGRMYAPAWVAPEALQKKPEDTNRRSADMWSFAV LLWELVTREVPFADLSNMEIGMKVALEGLRPTIPPGISPHVCKLMKICMNEDPAKRPK FDMIVPILEKMQD
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

ILK integrin-linked kinase [ Homo sapiens ]

**Official Symbol**

ILK

**Synonyms**

ILK; integrin-linked kinase; integrin-linked protein kinase; ILK-1; p59ILK; integrin-linked kinase-2; 59 kDa serine/threonine-protein kinase; P59; ILK-2; DKFZp686F1765;

**Gene ID**

3611

**mRNA Refseq**

NM\_001014794

**Protein Refseq**

NP\_001014794

**MIM**

602366

**UniProt ID**

Q13418

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