

Recombinant Human ILK protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ILK protein(102-451 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	102-451 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VPLHYACFWGQDQVAEDLVANGALVSICNKYGEMPVDKAKAPLRELLRERAEKMG QNLNRIPYKDTFWKGTTRTRPRNGTLNKHSGIDFKQLNFLTKLNENHSGELWKGRW QGNDIVVKVLKVRDWSTRKSRDFNEECPRLRIFSHPNVLPVLGACQSPAPHTLIT HWMPYGSLYNVLHEGTNFVVDQSQAVKFALDMARGMAFLHTLEPLIPRHALNSRSV MIDEDMTARISMADV KFSFQCPGRMYAPAWVAPEALQKKPEDTNRRSADMWSFAV LLWELVTREVPFADLSNMEIGMKVALEGLRPTIPPGISPHVCKLMKICMNEDPAKRPK FDMIVPILEKMQD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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