

Recombinant Human ILK protein, His-tagged

Cat. No. ILK-643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ILK protein(Q13418)(1-452aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-452aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	58.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MDDIFTQCREGNAVAVRLWLDNTENDLNQGDDHGFSPHLHWACREGRSAVVEMLIM
 RGARINVMNRGDDTPLHLAASHGHRDIVQKLLQYKADINAVNEHGNVPLHYACFWG
 QDQVAEDLVANGALVSICNKYGEMPVDKAKAPLRELLRERAEKMGQNLNRIPYKDT
 FWKGTTTRTRPRNGTLNKHSGIDFKQLNFLTCLNENHSGELWKGRWQGNDIVVKVLK
 VRDWSTRKSRDFNEECPLRIFSHPNVLPVLGACQSPAPHPTLITHWMPYGSLYN
 VLHEGTNFVVDQSQAVKFALDMARGMAFLHTLEPLIPRHALNSRSVMIDEDMTARIS
 MADVKFSFQCPGRMYAPAWVAPEALQKKPEDTNRRSADMWSFAVLLWELVTREV
 PFADLSNMEIGMKVALEGLRPTIPPGISPHVCKLMKICMNEDPAKRPKFDMIVPILEK
 MQDK

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](#)

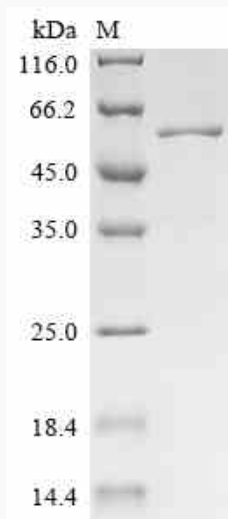
UniProt ID [Q13418](#)

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SDS-PAGE



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