

## Recombinant Human ILK protein, His-tagged

Cat. No. ILK-7343H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ILK protein(Q13418)(1-452aa), fused with N-terminal His tag, was expressed in Insect cells.                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | Insect cells                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-452aa                                                                                                                                                                                                                                          |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                                            |
| <b>Form</b>             | 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.               |
| <b>Molecular Mass</b>   | 54.8 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | 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 |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

MDDIFTQCREGNAVAVRLWLDNTENDLNQGDDHGFSPLHWACREGRSAVVEMLIM  
RGARINVMNRGDDTPLHLAASHGHRDIVQKLLQYKADINAVNEHGNVPLHYACFWG  
QDQVAEDLVANGALVSICNKYGEMPVDKAKAPLRELLRERAEEKMGQNLNRIPYKDT  
FWKGTTRTRPRNGTLNKHSGIDFKQLNFLTCLNENHSGELWKGRWQGNDIVVKVLK  
VRDWSTRKSRDFNEECPRLRIFSHPNVLPVLGACQSPAPHPPTLITHWMPYGSLYN  
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

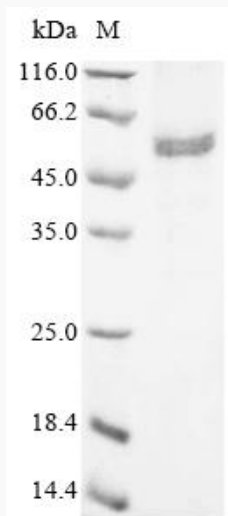
**UniProt ID**

Q13418

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**SDS-PAGE**

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