

## Recombinant Human ILKAP Protein, MYC/DDK-tagged

Cat. No. ILKAP-2174H Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant human ILKAP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                                                                                                                                              |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Source           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Description      | The protein encoded by this gene is a protein serine/threonine phosphatase of the PP2C family. This protein can interact with integrin-linked kinase (ILK/ILK1), a regulator of integrin mediated signaling, and regulate the kinase activity of ILK. Through the interaction with ILK, this protein may selectively affect the signaling process of ILK-mediated glycogen synthase kinase 3 beta (GSK3beta), and thus participate in Wnt signaling pathway. [provided by RefSeq, Jul 2008]. |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molecular Mass   | 42.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### GENE INFORMATION

|           |                                                                             |
|-----------|-----------------------------------------------------------------------------|
| Gene Name | ILKAP integrin-linked kinase-associated serine/threonine phosphatase [ Homo |
|-----------|-----------------------------------------------------------------------------|

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|                 |                                   |
|-----------------|-----------------------------------|
|                 | sapiens ]                         |
| Official Symbol | ILKAP                             |
| Synonyms        | ILKAP2; ILKAP3; PP2C-DELTA; PPM1O |
| Gene ID         | 80895                             |
| mRNA Refseq     | NM_030768                         |
| Protein Refseq  | NP_110395                         |
| UniProt ID      | Q9H0C8                            |

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