

## Recombinant Human ILKAP Protein, GST-tagged

**Cat. No.** ILKAP-5156H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ILKAP full-length ORF ( AAH06576, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 68.86 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MDLFGDLPEPERSPRPAAGKEAQKGPLLFDLPPASSTDGSGGGPLLFDLPPASS<br>GDSGLATSISQMVKTEGKGAKRKTTSEEEKNGSEELVEKKVCKASSVIFGLKGYVAE<br>RKGEREEMQDAHVILNDITEECRPPSSLITRVSYFAVFDGHGGIRASKFAAQNLHQN<br>LIRKFPKGDVISVEKTVKRCLLDTFKHTDEEFLKQASSQKPAWKDGGSTATCVLAVDNI<br>LYIANLGDSRAILCRYNEESQKHAALSLSKEHNPTQYEERMRIQKAGGNVRDGRVLG<br>VLEVSRSIGDGQYKRCGVTSVPDIRRCQLTPNDRFILLACDGLFKVFTPEEAVNFILS<br>CLEDEKIQTREGKSAADARYEAACNRLANKAVQRGSADNVTVMVVRIGH                                                   |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

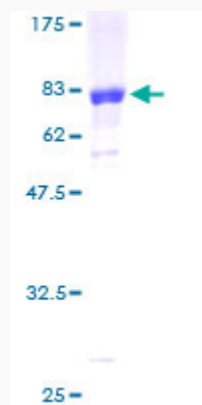
|                         |                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                      |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>        | ILKAP integrin-linked kinase-associated serine/threonine phosphatase [ Homo sapiens ]                                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b>  | ILKAP                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | ILKAP; integrin-linked kinase-associated serine/threonine phosphatase; integrin linked kinase associated serine/threonine phosphatase 2C; integrin-linked kinase-associated serine/threonine phosphatase 2C; DKFZP434J2031; FLJ10181; protein phosphatase 2c, delta isozyme; integrin-linked kinase associated phosphatase; ILKAP2; ILKAP3; PP2C-DELTA; MGC4846; DKFZp434J2031; |
| <b>Gene ID</b>          | 80895                                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>      | NM_030768                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>   | NP_110395                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>       | Q9H0C8                                                                                                                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA