

## Recombinant Human PIKFYVE Protein, His tagged

**Cat. No.** PIKFYVE-01H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PIKFYVE Protein, His tagged, expressed in E. coli.                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 215-361 aa                                                                                                                                                            |
| <b>Tag</b>              | His                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 17 kDa                                                                                                                                                                |
| <b>AA Sequence</b>      | MKIALSYAHSTDSNSIGEDLNALSDSACSVSVLDPSEPRTVPVGSRKASRNIFLEDDLA<br>WQSLIHPDSSNTPLSTRLVSVQEDAGKSPARNRSASITNLSLDRSGSPMVPSYETSV<br>SPQANRTYVRTETTEDERKILLDSVQLKDLWKKHHHHHHHH |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                                      |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.           |
| <b>Concentration</b>    | 0.7mg/ml by BCA                                                                                                                                                       |
| <b>Storage Buffer</b>   | Sterile PBS, pH7.4, 10% Glycerol, 8% Trehalose                                                                                                                        |

 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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PIKFYVE phosphoinositide kinase, FYVE-type zinc finger containing [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | PIKFYVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | PIKFYVE; phosphoinositide kinase, FYVE finger containing; phosphatidylinositol 3 phosphate/phosphatidylinositol 5 kinase, type III , PIP5K3; 1-phosphatidylinositol 3-phosphate 5-kinase; KIAA0981; MGC40423; p235; PIKfyve; PIP5K; PIPkin-III; type III PIP kinase; phosphatidylinositol 3-phosphate 5-kinase; 1-phosphatidylinositol-3-phosphate 5-kinase; phosphatidylinositol 3-phosphate 5-kinase type III; phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III; CFD; FAB1; PIP5K3; FLJ37746 |
| <b>Gene ID</b>         | 200576                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 609414                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | Q9Y2I7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

 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