

# Recombinant Mouse Pikfyve protein, His & T7-tagged

**Cat. No.** Pikfyve-1850M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Pikfyve aa. (Thr1680~Glu1931 (Accession # Q9Z1T6)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Thr1680~Glu1931                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 32.0kDa                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 8.9

## GENE INFORMATION

**Gene Name** [Pikfyve phosphoinositide kinase, FYVE type zinc finger containing \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Pikfyve](#)

**Synonyms** Pikfyve; phosphoinositide kinase, FYVE type zinc finger containing; p235; Pip5k; Pip5k3; Pipk5k3; PipkIII; 5230400C17Rik; 1-phosphatidylinositol 3-phosphate 5-kinase; FYVE finger-containing phosphoinositide kinase; PIPkin-III; PtdIns(4)P-5-kinase; phosphatidylinositol 3-phosphate 5-kinase type III; phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III; phosphatidylinositol-4-phosphate 5-kinase, type III; phosphoinositide kinase, FYVE finger containing; type III PIP kinase

**Gene ID** [18711](#)

**mRNA Refseq** [NM\\_001310624.1](#)

**Protein Refseq** [NP\\_001297553.1](#)

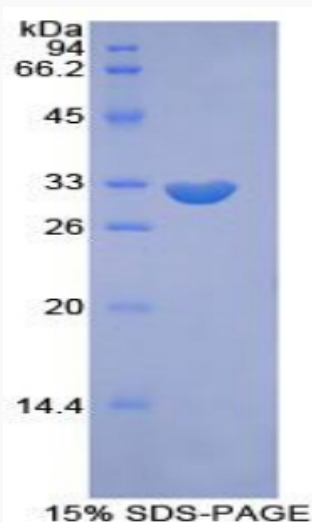
**UniProt ID** [Q9Z1T6](#)

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SDS-PAGE



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