

Recombinant Mouse Pikfyve protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Pikfyve aa. (Thr1680~Glu1931 (Accession # Q9Z1T6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr1680~Glu1931
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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.
Storage	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](#)

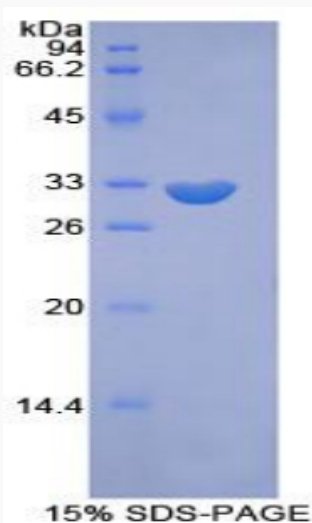
UniProt ID [Q9Z1T6](#)

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SDS-PAGE



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