

## Recombinant Mouse Ptk2b protein, His & GST-tagged

Cat. No. Ptk2b-6813M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ptk2b aa. (Ile704~Gly941 (Accession # Q9QVP9)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile704~Gly941
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 57.2kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%
<b>Characteristic</b>	The isoelectric point is 6.3.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein 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 -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution**

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

## GENE INFORMATION

**Gene Name**

[Ptk2b](#) [PTK2 protein tyrosine kinase 2 beta \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol**

[Ptk2b](#)

**Synonyms**

CAKB; FAK2; PYK2; CADTK; FADK2; Raftk; CAKbeta; E430023O05Rik; CAK-beta; FADK 2; calcium-dependent tyrosine kinase; calcium-regulated non-receptor proline-rich tyrosine kinase; cell adhesion kinase beta; cellular adhesion kinase beta; focal adhesion kinase 2; proline-rich tyrosine kinase 2; related adhesion focal tyrosine kinase; protein-tyrosine kinase 2-beta

**Gene ID**

[19229](#)

**mRNA Refseq**

[NM\\_001162365.1](#)

**Protein Refseq**

[NP\\_001155837.1](#)

**UniProt ID**

[Q9QVP9](#)

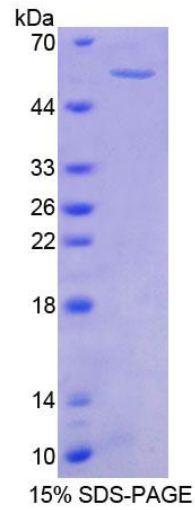
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**SDS-PAGE**



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