

Recombinant Mouse Pak4 Protein, His-tagged

Cat. No. Pak4-1894M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pak4 Protein (Ser46-Ile339) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser46-Ile339
Description	Enables protein kinase activity. Acts upstream of or within cellular response to organic cyclic compound and dendritic spine development. Predicted to be active in cytoplasm. Is expressed in several structures, including alimentary system; brain; genitourinary system; respiratory system; and sensory organ. Orthologous to human PAK4 (p21 (RAC1) activated kinase 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2 kDa Accurate Molecular Mass: 20 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Pak4 p21 protein \(Cdc42/Rac\)-activated kinase 4 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Pak4](#)

Synonyms

PAK4; p21 protein (Cdc42/Rac)-activated kinase 4; serine/threonine-protein kinase PAK 4; PAK-4; p21-activated kinase 4; AW555722; mKIAA1142; 5730488L07Rik;

Gene ID

[70584](#)

mRNA Refseq

[NM_027470](#)

Protein Refseq

[NP_081746](#)

UniProt ID

[Q8BTW9](#)

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