

Recombinant Rat Pgk2 Protein, His-tagged

Cat. No. Pgk2-1935R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pgk2 Protein (Ala2-Met240) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala2-Met240
Description	Predicted to enable ADP binding activity; ATP binding activity; and phosphoglycerate kinase activity. Predicted to be involved in gluconeogenesis and glycolytic process. Predicted to act upstream of or within flagellated sperm motility. Predicted to be located in cilium. Predicted to be active in cytosol and sperm fibrous sheath. Orthologous to human PGK2 (phosphoglycerate kinase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.9 kDa Accurate Molecular Mass: 30 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

Pgk2 phosphoglycerate kinase 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Pgk2

Synonyms

Pgk2; phosphoglycerate kinase 2; phosphoglycerate kinase 2; EC 2.7.2.3

Gene ID

316265

mRNA Refseq

NM_001012130

Protein Refseq

NP_001012130

UniProt ID

Q5XIV1

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