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# **Product Information**

## PDHK3(PDK3)

Product Number: 10-124

### **Product description**

Full-length human PDHK3 [1-406(end) amino acids of accession number NP\_005382.1] was expressed as N-terminal GST-fusion protein (75 kDa) using baculovirus expression system. GST-PDHK3 was purified by using glutathione sepharose chromatography.

### Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

### Storage and Handling:

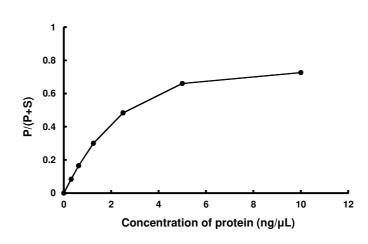
Store at -80C. Avoid repeating freeze-thaws.

### SDS-PAGE

# (kDa) 250 – 251 – 201 – 252 – 201 – 252 – 201 – 252 – 201 –

# Purity: 72 % The purity was assessed by SDS-PAGE/CBB staining.

### **Activity data**



The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

Substrate: PDHKtide

ATP: 100 ...