

## 32-8432: Recombinant Human Phosphoglycerate Kinase 1/PGK1 (C-6His)

**Gene :** PGK1  
**Gene ID :** 5230  
**Uniprot ID :** P00558

### Description

Source: Human Cells.  
MW :45.5kD.

Recombinant Human Phosphoglycerate kinase 1 is produced by our Mammalian expression system and the target gene encoding Ser2-Ile417 is expressed with a 6His tag at the C-terminus. PGK1 is called phosphoglycerate kinase that involved in a critical energy-producing process known as glycolysis. Phosphoglycerate kinase helps carry out a chemical reaction that converts a molecule called 1,3-diphosphoglycerate, which is produced during the breakdown of glucose, to another molecule called 3-phosphoglycerate during glycolysis. PGK1 The encoded protein may also act as a cofactor for polymerase alpha.. The protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,20% glycerol,pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** SLSNKLTLDKLDVKGKRVVMRVDFNVPMKNNQITNNQRIKAAVPSIKFCLDNGAKSVVLMShLGRPDGVPMPD  
KYSLEPVAVELKSLGKDVFLKDCVGPVEVEKACANPAAGSVILLENLRFHVVEEGKGDASGNKVKAEPKIEA  
FRASLSKLGDVYVNDAFGTAHRAHSSMVGVNLPQKAGGFLMKKELNYFAKALESPPFLAILGGAKVADKIQL  
INNMLDKVNEMIIGGGMAFTFLKVLNNMEIGTSLFDEEGAKIVKDLMSKAEKNGVKITLPVDFVTADKFDENAKT  
GQATVASGIPAGWWMGLDCGPESKKYAEAVTRAKQIVWNGPVGVFWEAFARGTKALMDEVVKATSRGCITII  
GGGDTATCCAkwntedkvshvstgggASLELLEgkVLPgVDALSNIldHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.