

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
KYSLEPVAVELKSLGKDVFLKDCVGPEVEKACANPAAGSVILLENLRFHVEEEGKGKDASGNKVKAEPKIEA
FRASLSKLGDVYVNDAFGTAHRAHSSMVGVNLPQKAGGFLMKKELNYFAKALESPPFLAILGGAKVADKIQL
INNMLDKVNEMIIGGGMAFTFLKVLNNMEIGTSLFDEEGAKIVKDLMSKAENGVKITLPVDFVTADKFDENAKT
GQATVASGIPAGWMGLDCGPESKKYAEAVTRAKQIVWNGPVGVFWEAFARGTKALMDEVVKATSRGCITII
GGGDTATCCAkwntedKVSHVSTGGGASLELLEGKVLPGVDALSNILDHHHHHHH

Application Note

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