

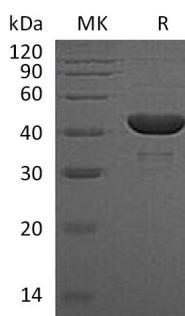
Product Name: Recombinant Human PGK1 (C-6His)
Catalog #: PHH1320



Summary

Name	PGK1/PGKA
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P00558
Host	Human Cells
Species	Human
Predicted Molecular Mass	45.5 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Phosphoglycerate kinase 1;Cell migration-inducing gene 10 protein;Primer recognition protein 2;PGK1;PGKA
Background	Phosphoglycerate kinase 1(PGK1) is an enzyme. It is mainly expressed in spermatogonia and Localized on the principle piece in the sperm. Its expression

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significantly decreased in the testis of elderly men. PGK1 involved in a critical energy-producing process known as glycolysis. It 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 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.

Note

For Research Use Only , Not for Diagnostic Use.