

RPCB2016

Product Information

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| Product SKU: | RPCB2016 | Gene ID: | 5230 | Size: | 10µg |
| Tag: | C-His | Reactivity: | Human | | |

Additional Information

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|-------------------------|--------------------|-------------------|--------|
| Expression Host: | HEK293 cells | Swissprot: | P00558 |
| Purity: | > 95% by SDS-PAGE. | | |

Protein Information

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 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.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human PGK1 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: <1EU/µg

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, pH 8.0.

Storage: Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.