

Recombinant Human PGK1 Protein (Ser2-Ile417), His tagged

Cat. No. PGK1-2390H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PGK1 (Ser2-Ile417) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser2-Ile417
Description	Catalyzes one of the two ATP producing reactions in the glycolytic pathway via the reversible conversion of 1, 3-diphosphoglycerate to 3-phosphoglycerate. In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein). May play a role in sperm motility.
Molecular Mass	44.3 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name PGK1 phosphoglycerate kinase 1 [Homo sapiens (human)]

Official Symbol PGK1

Synonyms PGK1; phosphoglycerate kinase 1; PRP 2; primer recognition protein 2; cell migration-inducing gene 10 protein; PGKA; MIG10; MGC8947; MGC117307; MGC142128;

Gene ID 5230

mRNA Refseq NM_000291

Protein Refseq NP_000282

MIM 311800

UniProt ID P00558

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