

Recombinant Human PGK1 Protein (S2-I417), Tag Free

Cat. No. PGK1-0214H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGK1(S2-I417) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	S2-I417
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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	PGK1 phosphoglycerate kinase 1 [Homo sapiens (human)]
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Official Symbol	PGK1
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Synonyms	PGK1; phosphoglycerate kinase 1; PRP 2; primer recognition protein 2; cell migration-inducing gene 10 protein; PGKA; MIG10; MGC8947; MGC117307; MGC142128;
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Gene ID	5230
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mRNA Refseq	NM_000291
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Protein Refseq	NP_000282
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MIM	311800
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UniProt ID	P00558
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