

## Active Recombinant Human PGK1 Protein, His-tagged

Cat. No. PGK1-1102H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PGK1 (Accession # P00558) Met1-Ile417, fused with an C-terminal 10-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	Met1-Ile417
<b>Predicted N Terminal</b>	No results obtained
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris, NaCl and Glycerol.
<b>Bio-activity</b>	Measured by NADH production in a reaction coupled with GAPDH. The specific activity, as measured under the described conditions, is >50,000 pmol/min/g.
<b>Molecular Mass</b>	Recombinant Human PGK1, His-tagged has a calculated MW of 46 kDa. In SDS-PAGE migrates as 42 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**GENE INFORMATION**

<b>Gene Name</b>	PGK1 phosphoglycerate kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	PGK1
<b>Synonyms</b>	PGK1; phosphoglycerate kinase 1; PRP 2; primer recognition protein 2; cell migration-inducing gene 10 protein; PGKA; MIG10; MGC8947; MGC117307; MGC142128;
<b>Gene ID</b>	5230
<b>mRNA Refseq</b>	NM_000291
<b>Protein Refseq</b>	NP_000282
<b>MIM</b>	311800
<b>UniProt ID</b>	P00558
<b>Chromosome Location</b>	Xq13.3

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