

## Recombinant Human PGK1 protein, GST-tagged

Cat. No. PGK1-30111H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PGK1 (1-417 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ile417
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	MSLSNKLTLDKLDVKGKRVVDFNVPKNNQITNNQRIKAAVPSIKFCLDNGAKS VVLMSHLGRPDGVPMPDKYSLEPVAVELKSLLGKDVFLKDCVGPEVEKACANPAA GSVILLENLRFHVEEEGKGKDASGNKVKAEPAKIEAFRASLSKLGDVYVNDAFGTAH RAHSSMVGVNLPQKAGGFLMKKELNYFAKALESPERPFLLAILGGAKVADKIQLINNM LDKVNEMIIGGGMAFTFLKVLNNMEIGTSLFDEEGAKIVKDLMSKAEKNGVKITLPVD FVTADKFDENAKTGQATVASGIPAGWMGLDCGPSSKKYAEAVTRAKQIVWNGPV GVFEWEAFARGTKALMDEVVKATSRGCITIIGGGDTATCCAkwntedKvshvstgg GASLELLEGGKVLPGVDALSNI
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage**

Short-term storage: Store at 2-8°C for (1-2 weeks).  
 Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** PGK1 phosphoglycerate kinase 1 [ Homo sapiens ]

**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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