

Recombinant Human PGK1 protein, GST-tagged

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

SPECIFICATION

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

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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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