

## Recombinant Human PGK1 Protein

Catalog #	Source	Reactivity	Applications
CRP2098	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human PGK1 Protein is produced by our mammalian expression system and the target gene encoding Ser2-Ile417 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, 20% glycerol, pH 8.0.		
<b>Gene Symbol</b>	PGK1		
<b>Alternative Names</b>	PGKA; Phosphoglycerate kinase 1; Cell migration-inducing gene 10 protein; Primer recognition protein 2; PRP 2		
<b>Entrez Gene</b>	5230 (Human)		
<b>SwissProt</b>	P00558 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>SLSNKLTLDK LDVKGKRVVM RVDFNVPMKN NQITNNQRIK AAVPSIKFCL DNGAKSVVLM            SHLGRPDGVP MPDKYSLEPV AVELKSLGK DVLFLKDCVG PEVEKACANP AAGSVILLEN            LRFHVEEEGK GKDASGNKVK AEPAKIEAFR ASLSKLGDVY VNDAFGTAHR AHSSMVGVN            LRFHVEEEGK GKDASGNKVK AEPAKIEAFR ASLSKLGDVY VNDAFGTAHR AHSSMVGVN            PQQAGGFLMK KELNYFAKAL ESPERPFLAI LGGAKVADKI QLINNMLDKV NEMIIGGGMA            FTFLKVLNNM EIGTSLFDEE GAKIVKDLMS KAEKNGVKIT LPVDFVTADK FDENAKTGQA            TVASGIPAGW MGLDCGPRESS KKYAEAVTRA KQIVWNGPVG VFEWEAFARG            TKALMDEVVK ATSRGCITII GGGDTATCCA KWNTEDKVSH VSTGGGASLE LLEGKVLPGV            DALSNILDHH HHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

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