



Human Phosphoglycerate Kinase 1

Synonyms: Phosphoglycerate kinase 1, Primer recognition protein 2, Cell migration-inducing gene 10 protein, PRP 2, PGKA, MIG10, MGC8947, MGC117307, MGC142128, PGK1.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	4092.950.005		
25 µg	4092.950.025		
1 mg	4092.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

PGK1 Human Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 437 amino acids (1-417 a.a.) and having a molecular mass of 46.8 kDa. PGK1 is fused to 20 a.a. His-Tag at N-terminus.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Buffer** The PGK1 solution containing 20 mM Tris (pH 8.0), 10 % Glycerol and 1 mM DTT*
- **Physical State** Sterile filtered colorless solution

Stability

PGK1 although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). Please prevent freeze-thaw cycles.

Amino Acid Sequence

MGSSHHHHH SSGLVPRGSH MSLSNKLTL DLDVKGKRVV MRVDFNVPMK NNQITNNQRI KAAVPSIKFC
 LDNGAKSVVL MSHLGRPDGV PMPDKYSLEP VAVELKSLLG KDVLFLKDCV GPEVEKACAN PAAGSVILLE
 NLRHFVEEEG KGKDASGNKV KAEPKIEAF RASLSKLGDV YVNDAFGTAH RAHSSMVGVN LPQKAGGFLM
 KKELNYFAKA LESPFPFLA ILGGAKVADK IQLINNMLDK VNEMIIGGGM AFTFLKVLNN MEIGTSLFDE
 EGAKIVKDLM SKAEKNGVKI TLPVDFVTAD KFDENAKTGQ ATVASGIPAG WMGLDCGPES SKKYAEAVTR
 AKQIVWNGPV GVFEWEAFAR GTKALMDEVV KATSRGCITI IGGGDTATCC AKWNTEDKVS HVSTGGGASL
 ELLEGKVLPG VDALSNI

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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