

Human PGK1 Recombinant Protein



RPPB2602

Product Information Protein Information

Product SKU:

RPPB2602

Accession:

P00558

Host:

E.coli.

Protein description:

PGK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 437 amino acids (1-417a.a.) and having a molecular mass of 46.8kDa.PGK1 is fused to a 20 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Phosphoglycerate kinase 1, MGC117307, MGC142128, MGC8947, MIG10, PGKA.

Formulation:

The PGK1 solution (1mg/ml) contains 10% glycerol, 20mM Tris-HCl buffer (pH 8.0) and 1mM DTT. .

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSLSNKLTLD KLDVKGKRVV MRVDFNVPMK NNQITNNQRI KAAVPSIKFC
LDNGAKSVVL MSHLGRPDGV PMPDKYSLEP VAVELKSLG KDVLFLKDCV GPEVEKACAN PAAGSVILLE
NLRFHVEEEG KGKDASGNKV KAEPKIEAF RASLSKLGDV YVNDAFGTAH RAHSSMVGVN LPQKAGGFLM
KKELNYFAKA LESPFPFLA ILGGAKVADK IQLINMLDK VNEMIIGGGM AFTFLKVLNN MEIGTSLFDE
EGAKIVKDLM SKAEKNGVKI TLPVDFVTAD KFDENAKTGQ ATVASGIPAG WMGLDCGPES SKKYAEAVTR
AKQIVWNGPV GVFEWEAFAR GTKALMDEVV KATSRGCITI IGGGDATCC AKWNTEDKVS HVSTGGGASL
ELLEKVLPG VDALSNI

Biological Activity:

Specific activity: > 600unit/mg. One unit will convert 1 umole of 1,3-Bisphosphoglycerate to 3-PGA per minute at pH 8.0 at 37C.