

PGK1 Protein, Mouse, Recombinant (His)

General Information

Synonyms:	phosphoglycerate kinase 1;Pgk-1
Protein Construction:	A DNA sequence encoding the mouse PGK1 (P09411) (Met 1-Val 417) was expressed, with a C-terminal polyhistidine tag. Predicted N terminal: Met 1
Species:	Mouse
Expression Host:	Baculovirus Insect Cells
Accession:	P09411
Molecular Weight:	46.00 kDa (predicted); 43 kDa (reducing conditions)

QC Testing

Biological Activity:	Kinase activity untested
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Supplied as sterile 20 mM Tris, 500 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store the product under sterile conditions at -20°C to -80°C. Samples are stable for up to 12 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Reference

Rush J. et al., 2005, Nat Biotechnol. 23: 94-101.

Olsen JV. et al., 2006, Cell. 127: 635-648.

Zieker D. et al., 2008, Cell Physiol Biochem. 21 (5-6): 429-36.

Jung Y. et al., 2009, Mol Cancer Res. 7 (10): 1595-604. Choudhary C. et al., 2009, Science. 325: 834-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481