

## Recombinant Human PGK2, GST-tagged

**Cat. No.** PGK2-1666H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PGK2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 242-360aa                                                                                                                                                         |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PGK2 phosphoglycerate kinase 2 [ Homo sapiens ]                                                                                                          |
| <b>Official Symbol</b> | PGK2                                                                                                                                                     |
| <b>Synonyms</b>        | PGK2; phosphoglycerate kinase 2; PGK 2; PGKPS; phosphoglycerate kinase, testis specific; phosphoglycerate kinase autosomal pseudogene; PGKB; dJ417L20.2; |
| <b>Gene ID</b>         | 5232                                                                                                                                                     |

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | <a href="#">NM_138733</a>                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | <a href="#">NP_620061</a>                                                                                                                                                                                                                                                                   |
| <b>MIM</b>                 | <a href="#">172270</a>                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>          | <a href="#">P07205</a>                                                                                                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 6p21-q12                                                                                                                                                                                                                                                                                    |
| <b>Pathway</b>             | Gluconeogenesis, oxaloacetate =>fructose-6P, organism-specific biosystem;<br>Gluconeogenesis, oxaloacetate => fructose-6P, conserved biosystem; Glycolysis (Embden-Meyerhof pathway), glucose => pyruvate, organism-specific biosystem;<br>Glycolysis (Embden-Meyerhof pathway), glucose => |
| <b>Function</b>            | ATP binding; nucleotide binding; phosphoglycerate kinase activity; phosphoglycerate kinase activity; transferase activity;                                                                                                                                                                  |

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