

Recombinant Human PGM2, GST-tagged

Cat. No. PGM2-1668H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGM2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PGM2 phosphoglucomutase 2 [Homo sapiens]
Official Symbol	PGM2
Synonyms	PGM2; phosphoglucomutase 2; phosphoglucomutase-2; FLJ10983; phosphopentomutase; PGM 2; phosphodeoxyribomutase; glucose phosphomutase 2; MSTP006;

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Gene ID	55276
mRNA Refseq	NM_018290
Protein Refseq	NP_060760
MIM	172000
UniProt ID	Q96G03
Chromosome Location	4p14-q12
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; GDP-glucose biosynthesis, organism-specific biosystem; GDP-glucose biosynthesis, conserved biosystem; Galactose metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Glucose metabolism, organism-specific biosystem;
Function	isomerase activity; magnesium ion binding; phosphoglucomutase activity; phosphopentomutase activity;