

Recombinant Human PGAM2, GST-tagged

Cat. No. PGAM2-1662H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGAM2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-253aa
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	PGAM2 phosphoglycerate mutase 2 (muscle) [Homo sapiens]
Official Symbol	PGAM2
Synonyms	PGAM2; phosphoglycerate mutase 2 (muscle); phosphoglycerate mutase 2; PGAM M; BPG-dependent PGAM 2; phosphoglycerate mutase isozyme M; muscle-specific phosphoglycerate mutase; GSD10; PGAMM; PGAM-M; MGC88743;

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Gene ID	5224
mRNA Refseq	NM_000290
Protein Refseq	NP_000281
MIM	612931
UniProt ID	P15259
Chromosome Location	7p13-p12
Pathway	Gluconeogenesis, organism-specific biosystem; Gluconeogenesis, oxaloacetate =>fructose-6P, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, conserved biosystem; Glucose metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, organism-specific biosystem;
Function	2,3-bisphosphoglycerate-dependent phosphoglycerate mutase activity; bisphosphoglycerate 2-phosphatase activity; bisphosphoglycerate mutase activity; cofactor binding; hydrolase activity; isomerase activity; phosphoglycerate mutase activity;

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