Recombinant Human PHGDH, GST-tagged

Cat. No. PHGDH-1682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHGDH protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	185-533aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	PHGDH phosphoglycerate dehydrogenase [Homo sapiens]
Official Symbol	PHGDH
Synonyms	PHGDH; phosphoglycerate dehydrogenase; D-3-phosphoglycerate dehydrogenase; PDG; PGDH; SERA; 3-phosphoglycerate dehydrogenase; PGD; PGAD; 3PGDH; 3-PGDH; MGC3017;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	26227
mRNA Refseq	NM_006623
Protein Refseq	NP_006614
MIM	606879
UniProt ID	O43175
Chromosome Location	1p12
Pathway	Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Serine biosynthesis, organism-specific biosystem;
Function	NAD binding; cofactor binding; electron carrier activity; oxidoreductase activity; phosphoglycerate dehydrogenase activity; phosphoglycerate dehydrogenase activity;

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