

Recombinant Human PGM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PGM2-2865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PGM2 MS Standard C13 and N15-labeled recombinant protein (NP_060760) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Catalyzes the conversion of the nucleoside breakdown products ribose-1-phosphate and deoxyribose-1-phosphate to the corresponding 5-phosphopentoses. May also catalyze the interconversion of glucose-1-phosphate and glucose-6-phosphate. Has low glucose 1,6-bisphosphate synthase activity.
Molecular Mass	68.3 kDa
AA Sequence	MAAPEGSGLDEDARLDQETAQWLRWDKNSLTLEAVKRLIAEGNKEELRKCFGARM EFGTAGLRAAMGPGISRMNDLTIIQTTQGFCRYLEKQFSDLKQKGIVISFDARHPSS GGSSRRFARLAATTFISQGIPVYLFSDITPTPFVPFTVSHLKLKAGIMITASHNPKQDN GYKVYWDNGAQIISPHDKGISQAIEENLEPWPQAWDDSLIDSSPLLHNPSASINNDY FEDLKKYCFHRSVNRETKVKFVHTSVHGVGHSHVQSAFKAFDLVPPEAVPEQKDPD PEFPTVKYPNPEEGKGVLTLSFALADKTKARIVLANDPDADRLAVAQKQDSGEWRVF SGNELGALLGWWLFTSWKEKNQDRSALKDTYMLSSSTVSSKILRAIALKEGFHFEETL TGFKWMGNRAKQLIDQGKTVLFAFEEAIGYMCCPFVLDKDGVSAAVISAELASFLAT KNLSLSQQLKAIYVEYGYHITKASYFICHQDQETIKKLFENLRNYDGKNNYPKACGKFEI

 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

SAIRDLTTGYDDSQPDKKAVLPTSKSSQMITFTFANGGVATMRTSGTEPKIKYYAEL
CAPPGNSDPEQLKKELNELVSAIEEHFFQPQKYNLQPKADTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PGM2 phosphoglucomutase 2 [Homo sapiens (human)]

Official Symbol PGM2

Synonyms PGM2; phosphoglucomutase 2; phosphoglucomutase-2; FLJ10983; phosphopentomutase; PGM 2; phosphodeoxyribomutase; glucose phosphomutase 2; MSTP006;

Gene ID 55276

mRNA Refseq NM_018290

Protein Refseq NP_060760

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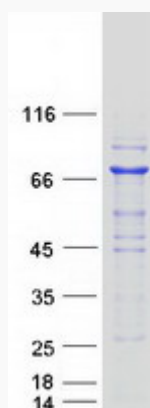
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 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 172000

UniProt ID Q96G03

SDS-PAGE



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