

PGM2, 1-612aa, Human, His tag, E.coli

Cat.NO.: TP03385

3th Edition

Synonyms: Phosphoglucomutase-2, Phosphoglucomutase 2, MSTP006

Description: PGM2 also known as Phosphoglucomutase-2. PGM2 is protein of the alpha-d-phosphohexomutase family and sharing about 20% identity with mammalian phosphoglucomutase 1. It acts more than 10-fold better as a phosphopentomutase than as a phosphoglucomutase. Recombinant human PGM2 was expressed in E.coli and purified by using conventional chromatography techniques

Form: Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol.

Molecular Weight: 70.7kDa (635aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAPPEGSGLGEDARLDQETAQWLRWDKNSLTLEAVKRLIAEGNKEELRKC
FGARMEFGTAGLRAAMGPGISRMDLTIIQTTQGFCRYLEKQFSDLKQKGVISFDARAHPSGGSSRRFARLAATT
FISQGIPVYLFSDITPTPFVPTVSHLKLKAGIMITASHNPKQDNGYKVYWDNGAQIISPHDKGISQAIEENLEPWPQA
WDDSLIDSSPLLHNPSASINNDYFEDLKKYCFHRSVNRETKVKFVHTSVHGVGHSFVQSAFKAFDLVPPEAVPEQK
DPDPEFPTVKYPNPEEGKGVLTLSFALADKTKARIVLANDPDADRLAVAEKQDSGEWRVFSGNELGALLGWWLFT
SWKEKNQDRSALKD TYMLSSTVSSKILRAIALKEGFHFEETLTGFKWMGNRAKQLIDQGKTVLFAFEEAIGYMCCPF
VLDKDGVSAAVISAELASFLATKNSLSQQLKAIYVEYGYHITKASYFICHQDQETIKKLFENLRNYDGKNNYPKACGKF
EISAIRDLTTGYDDSQPKKAVLPTSKSSQMITFTFANGGVATMRTSGTEPKIKYYAELCAPPGNSDPEQLKKELNE
LVSAIEEHFFQPQKYNLQPKAD

Purity: > 95% by HPLC

Concentration: 1mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.