

RPPB2103

Product Information Protein Information

Product SKU:

RPPB2103

Accession:

Q96G03

Host:

Escherichia Coli.

Protein description:

PGM2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 635 amino acids (1-612 a.a) and having a molecular mass of 70.7kDa. PGM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Phosphoglucomutase 2, Glucose Phosphomutase 2, Phosphodeoxyribomutase, Phosphopentomutase, EC 5.4.2.2, PGM 2, Phosphoglucomutase-2, EC 5.4.2.7, EC 5.4.2, MSTP006.

Formulation:

PGM2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMAAPEGS GLGEDARLDQ ETAQWLRWDK NSLTLEAVKR LIAEGNKEEL
RKCFGARMEF GTAGLRAAMG PGISRMNDLT IIQTTQGFCR YLEKQFSDLK QKGIVISFDA RAHPSSGGSS
RRFARLAATT FISQGIPVYL FSDITPTPFV PFTVSHLKLC AGIMITASHN PKQDNGYKVY WDNGAQIISP
HDKGISQAIE ENLEPWPQAW DDSLIDSSPL LHNPSASINN DYFEDLKKYC FHRSVNRETK VKFVHTSVHG
VGHSFVQSAF KAFDLVPPEA VPEQKDPDPE FPTVKYPNPE EGKGVLTLSF ALADKTKARI VLANDPDADR
LAVAQKQDSG EWRVFSGNEL GALLGWWLFT SWKEKNQDRS ALKDTYMLSS TVSSKILRAI ALKEGFHFEE
TLTGFKWMGN RAKQLIDQGK TVLFAFEEAI GYMCCPFVLD KDGVSAAVIS AELASFLATK NLSLSQQLKA
IYVEYGYHIT KASYFICHQD ETIKKLFENL RNYDGKNNYP KACGKFEISA IRDLTTGYDD SQPDKKAVLP
TSKSSQMITF TFANGGVATM RTSGTEPKIK YYAELCAPPG NSDPEQLKKE LNELVSAIEE HFFQPQKYNL QPKAD.