

RPPB2102

Product Information Protein Information

Product SKU:

RPPB2102

Accession:

P36871

Host:

Escherichia Coli.

Protein description:

PGM1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 585 amino acids (1-562 a.a) and having a molecular mass of 63.8kDa. PGM1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear colorless solution.

Synonyms:

PGM1, Phosphoglucomutase 1, Glucose Phosphomutase 1, EC 5.4.2.2, PGM 1, CDG1T, GSD14, Phosphoglucomutase-1, EC 5.4.2.

Formulation:

PGM1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95% 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 MGSMVKIVTV KTQAYQDQKP GTSGLRKRVK VFQSSANYAE NFIQSIISTV
EPAQRQEATL VVGGDGRFYM KEAIQLIARI AAANGIGRLV IGQNGILSTP AVSCIIRKIK AIGGIILTAS
HNPGGPNGDF GIKFNISNGG PAPEAITDKI FQISKTIIEY AVCPDLKVDL GVLGKQQFDL ENKFKPFTVE
IVDSVEAYAT MLRSIFDFSA LKELLSGPNR LKIRIDAMHG VVGPYVKKIL CEELGAPANS AVNCVPLEDF
GGHHPDPNLT YAADLVETMK SGEHDFGAAF DGDGDRNMIL GKHGFFVNPS DSVAVIAANI FSIPYFQQTG
VRGFARSMPT SGALDRVASA TKIALYETPT GWKFFGNLMD ASKLSLCGEE SFGTGSDBIR EKDGLWAVLA
WLSILATRKQ SVEDILKDHV QKYGRNFFTR YDYEEVEAEG ANKMMKDLEA LMFDRSFVKG QFSANDKVYT
VEKADNFEYS DPVDGSISRN QGLRLIFTDG SRIVFRLSGT GSAGATIRLY IDSYEKDVAK INQDPQVMLA
PLISIALKVS QLQERTGRTA PTVIT.