

RPPB2160

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## Product Information    Protein Information

**Product SKU:**

RPPB2160

**Accession:**

O15355

**Host:**

E.coli.

**Protein description:**

PPM1G Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 566 amino acids (1-546) and having a molecular mass of 61.4 kDa. The PPM1G is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Protein Phosphatase 1G, PP2CG, PPP2CG, MGC1675, MGC2870, PP2C GAMMA, EC 3.1.3.16, Protein phosphatase 2C isoform gamma, PP2C-gamma, Protein phosphatase magnesium-dependent 1 gamma, Protein phosphatase 1C, PPM1G, PPM1C.

**Formulation:**

The PPM1G solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl, 0.1mM PMSF and 20% glycerol.

**Purity:**

Greater than 85% 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 MGAYLSQPNT VKCSGDGVGA PRLPLPYGFS AMQGWRVSME DAHNCIPELD  
SETAMFSVYD GHGGEEVALY CAKYLPIIK DQKAYKEGKL QKALEDAFLA IDAKLTTEEV IKELAQIAGR  
PTEDEDEKEK VADEDDVDNE EAALLHEEAT MTIEELLTRY GQNCHKGPPH SKSGGGTGEE PGSQGLNGEA  
GPEDSTRETP SQENGPTAKA YTFSSNSER GTEAGQVGEP GIPTGEAGPS CSSASDKLPR VAKSKFFEDS  
EDESDEAEED EEDSEECSEE EDGYSSEAE NEEDEDTEE AEEDDEEEE EMMVPGMEGK EEPGSDSGTT  
AVVALIRGKQ LIVANAGDSR CUVSEAGKAL DMSYDHKPED EVELARIKNA GGKVTMDGRV NGGLNLSRAI  
GDHFYKRKNK LPPEEQMISA LPDIKVLTLT DDHEFMVIAC DGIWNVMSSQ EVVDFIQSKI SQRDENGELR  
LLSSIVEELL DQCLAPDTSG DGTGCDNMTC IICFKPRNT AELQPESGKR KLEEVLTSTEG AEENGNSDKK KKAKRD