

Recombinant Human Protein Phosphatase 1G/PP1MG Protein(C-6His)

Cat.NO.: TP05457

3th Edition

Synonyms:Protein Phosphatase 1G; Protein Phosphatase 1C; Protein Phosphatase 2C Isoform Gamma; PP2C-Gamma; Protein Phosphatase Magnesium-Dependent 1 Gamma; PPM1G; PPM1C

Description:Protein Phosphatase 1G (PP1MG) is a cytoplasmic protein that belongs to the PP2C family. PPM1G is widely expressed; it is abundant in testis, skeletal muscle, and heart. PPM1G is a negative regulator of cell stress response pathways. PPM1G is responsible for the dephosphorylation of Pre-mRNA splicing factors, an important factor for the formation of functional spliceosome. PPM1G also plays a role in regulating cell cycle progression.

Form:PBS

Molecular Weight:26.2 kDa

Sequences:Met317-Asp546

Purity:> 95% by HPLC

Concentration:

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.