

## 32-7138: Recombinant Human Protein Phosphatase 1G/PP1MG (C-6His)(Discontinued)

**Gene :** PPM1G  
**Gene ID :** 5496  
**Uniprot ID :** O15355

### Description

Source: E.coli.  
MW :26.15kD.

Recombinant Human PP1MG is produced by our E.coli expression system and the target gene encoding Met317-Asp546 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 25mM TrisHCl, 1mM DTT, 1mM EDTA, 2mM beta-ME, 20% Glycerol, pH 7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MEGKEEPGSDSGTTAVVALIRGKQLIVANAGDSRCVSEAGKALDMSYDHPKPEDEVELARIKNAGGKVTMDG  
RVNGGLNLSRAIGDHFYKRKNLPPPEEQMISALPDIKVLTLDHDFMVIACDGIWNVMSSQEVVDFIQSKISQR  
DENGELRLLSSIVEELLDQCLAPDTSGDGTGCDNMTCIICFKPRNTAELQPESGKRKLEEVVSTEGAEENGNSD  
KKKKAKRDLEHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.