

**Product Name: Recombinant Human PP1MG (C-6His)**  
**Catalog #: PEH1389**



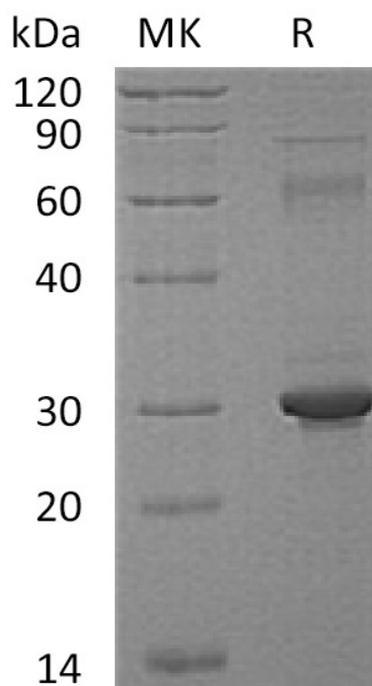
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## Summary

<b>Name</b>	Protein phosphatase 1G/PP1MG
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Protein Phosphatase 1G 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.
<b>Accession #</b>	O15355
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	26.15 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 25mM Tris-HCl, 1mM DTT, 1mM EDTA, 2mM β-ME, 20% Glycerol, pH 7.5.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image

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### **Alternative Names**

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

### **Background**

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.

### **Note**

For Research Use Only , Not for Diagnostic Use.