# Recombinant Human PPM1G Protein, Flag-tagged

**Cat. No.** PPM1G-1353H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Human PPM1G Protein (transcript variant 2) is produced by HEK293T expression system. This protein is fused with a Flag tag. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome. Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression. |
| **Form** | PBS buffer |
| **Molecular Mass** | 59.1 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |

## GENE INFORMATION

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| **Gene Name** | PPM1G protein phosphatase, Mg2+/Mn2+ dependent, 1G [ Homo sapiens ] |
| **Official Symbol** | PPM1G |

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| **Synonyms** | PPM1G; PP2C; gamma; PP2CG; PP2Cgamma; PP2C-gamma; PP2C, gamma; PPP2CG; PP2CGAMMA; MGC1675; MGC2870; |
| **Gene ID** | 5496 |
| **mRNA Refseq** | NM_177983 |
| **Protein Refseq** | NP_817092 |
| **MIM** | 605119 |
| **UniProt ID** | O15355 |
| | Purified recombinant protein PPM1G was analyzed by SDS-PAGE gel and Coomossie Blue Staining. |

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