

## Recombinant Full Length Mouse Ppm1a, His tagged

**Cat. No.** Ppm1a-766M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse PPM1A (NP_032936.1) (Met 1-Trp 382) was expressed in E. coli, with a polyhistidine tag at the C-terminus.                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-382 a.a.                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from sterile 10mM HEPES, 500 NaCl, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                 |
| <b>Molecular Mass</b>   | The recombinant mouse PPM1A consisting of 388 amino acids and has a calculated molecular mass of 43.3 kDa as estimated in SDS-PAGE under reducing conditions.                                                                                   |
| <b>Purity</b>           | > 98 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Ppm1a protein phosphatase 1A, magnesium dependent, alpha isoform [ Mus musculus ]                                                                                                                                                                 |
| <b>Official Symbol</b> | PPM1A                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | PPM1A; protein phosphatase 1A, magnesium dependent, alpha isoform; protein phosphatase 1A; Mpp alpha; PP2C-alpha; protein phosphatase 1A; protein phosphatase 2C isoform alpha; MMPa-2; MPPa-1; AI427932; AU017636; 2310003C21Rik; 2900017D14Rik; |
| <b>Gene ID</b>         | 19042                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_008910                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_032936                                                                                                                                                                                                                                         |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA