

## Recombinant Mouse Ppm1k Protein, Myc/DDK-tagged

**Cat. No.** Ppm1k-5051M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length protein phosphatase 1K (PP2C domain containing) (Ppm1k), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                              |
| <b>Description</b>      | Regulates the mitochondrial permeability transition pore and is essential for cellular survival and development.                                                    |
| <b>Molecular Mass</b>   | 40.9 kDa                                                                                                                                                            |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                         |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                       |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                      |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                    |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                               |

### GENE INFORMATION

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|                 |                                                                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Ppm1k protein phosphatase 1K (PP2C domain containing) [ Mus musculus (house mouse) ]                                                                                                            |
| Official Symbol | Ppm1k                                                                                                                                                                                           |
| Synonyms        | PPM1K; protein phosphatase 1K (PP2C domain containing); protein phosphatase 1K, mitochondrial; PP2C-kappa; protein phosphatase 2C isoform kappa; PP2Cm; 2900063A19Rik; A930026L03Rik; MGC115965 |
| Gene ID         | 243382                                                                                                                                                                                          |
| mRNA Refseq     | NM_175523                                                                                                                                                                                       |
| Protein Refseq  | NP_780732                                                                                                                                                                                       |
| UniProt ID      | Q8BXN7                                                                                                                                                                                          |

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