

Recombinant Full Length Mouse Ppm1a, His tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse PPM1A (NP_032936.1) (Met 1-Trp 382) was expressed in E. coli, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	E.coli
ProteinLength	1-382 a.a.
Form	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.
Molecular Mass	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.
Purity	> 98 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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.

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GENE INFORMATION

Gene Name	Ppm1a protein phosphatase 1A, magnesium dependent, alpha isoform [Mus musculus]
Official Symbol	PPM1A
Synonyms	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;
Gene ID	19042
mRNA Refseq	NM_008910
Protein Refseq	NP_032936

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