

PPM1A

Recombinant Human Protein Phosphatase 1A His

Catalog No.	CSI15624A CSI15624B	Quantity:	100 µg 500 µg
Description:	Protein Phosphatase 1A (PPM1A) is a Mn ²⁺ - or Mg ²⁺ -dependent serine/threonine phosphatase that is essential for regulating cellular stress response in eukaryotes. The protein coding region of PPM1A (aa 1-382) was cloned into an <i>E. coli</i> expression vector (BamHI/HindIII site).		
Concentration:	1 mg/mL		
GenelD:	5494		
Source:	<i>E. coli</i>		
Molecular Weight:	46.6 kDa (418 aa)		
Formulation:	Liquid in PBS pH 7.4		
Purity:	>95% by SDS-PAGE		
Endotoxin Level:	<1.0 EU/µg		
Specific Activity:	>8,000 U/mg of PPM1A.		
Unit Definition:	One unit will hydrolyze 1nmol of p-nitrophenylphosphatate per minute at pH 7.4 at 37°C using 10 mM of substrate.		
Storage & Stability:	Store at -20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

