

## Protein Phosphatase 1D Human Recombinant

<b>Item Number</b>	rAP-1566
<b>Synonyms</b>	Protein phosphatase 1D magnesium-dependent, delta isoform, PPM1D, Protein Phosphatase 1D, PP2C-DELTA, WIP1.
<b>Description</b>	PPM1D Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 299 amino acids (98-375a.a.) and having a molecular mass of 33.2kDa. PPM1D is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	O15297
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MVAFFAVCDG HGGREAAQFA REHFWGFIKK QKGFTSSEPA KVCAAIRKGF LACHLAMWKK LAEWPKTMTG LPSTSGTTAS VVIIRGMKMY VAHVGDSGVV LGIQDDPKDD FVRAVEVTQD HKPELPKERE RIEGLGGSVM NKGGVNRVWW KRPRLTHNGP VRRSTVIDQI PFLAVARALG DLWSYDFFSG EFVVSPEPDT SVHTLDPQKH KYIILGSDGL WNMIPPQDAI SMCQDQEEKK YLMGEHQSC AKMLVNRALG RWRQRMLRAD NTSAILVICI.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	PPM1D protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**