

Protein Phosphatase Inhibitor-1 Human Recombinant

Item Number	rAP-1538
Synonyms	IPP1, IPP-1, I-1, PPP1R1A, PPI-1, Protein Phosphatase Inhibitor-1, Protein phosphatase 1 regulatory sub-unit 1A.
Description	PPP1R1A Human Recombinant fused with His tag at C-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 179 amino acids and having a molecular mass of 20 kDa. The PPP1R1A is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q13522
Amino Acid Sequence	MEQDNSPRKI QFTVPLLEPH LDPEAAEQIR RRRPTPATLV LTSDQSSPEI DEDRIPNPHL KSTLAMSPRQ RKKMTRITPT MKELQMMVEH HLGQQQQGEE PEGAAESTGT QESRPPGIPD TEVESRLGTS GTAKKTAECI PKTHERGSKE PSTKEPSTHI PPLDSKGANS VLEHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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). Please prevent freeze-thaw cycles.
Formulation and Purity	The PPP1R1A solution contains 50mM Tris pH-8, 0.1mM PMSF, 1mM EDTA, 1mM DTT & 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**