

Protein Phosphatase-1 Regulatory Subunit-14A Human Recombinant

Item Number	rAP-1540
Synonyms	Protein phosphatase 1 regulatory subunit 14A, 17 kDa PKC-potentiated inhibitory protein of PP1, CPI17, CPI-17, PPP1INL, PPP1R14A.
Description	Recombinant PPP1R14A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids and having a molecular mass of 18kDa. PPP1R14A is fused to a 20 aa His Tag and is purified by conventional chromatography techniques.
Uniprot Accession Number	Q96A00
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MAAQLRGKRV LSKLQSPSRA RGPGGSPGGL QKRHARVTVK YDRRELQRRRL DVEKWIDGRL EELYRGMEAD MPDEINIDEL LELESEEERS RKIQGLLKSC GKPVED-FIQE LLAKLQGLHR QPGLRQSPS HDGSL SPLQD RARTAHP.
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). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PPP1R14A protein solution (1mg/ml) contains 20mM Tris-HCl, pH-8, 0.2mM EDTA, 1mM DTT and 10% glycerol. Greater than 95.0% 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**