

Protein Phosphatase 1, Catalytic Subunit Gamma Human Recombinant

Item Number	rAP-1551
Synonyms	Protein phosphatase 1 catalytic subunit gamma isozyme/isoform, Protein phosphatase 1C catalytic subunit, serine/threonine phosphatase 1 gamma, serine/threonine-protein phosphatase PP1-gamma catalytic subunit, PP1gamma, PPP1G, EC 3.1.3.16.
Description	PPP1CC Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 343 amino acids (1-323) and having a molecular mass of 39.1kDa. PPP1CC is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P36873
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MADLDKLNID SIIQRLLEVR GSKPGKNVQL QENEIRGLCL KSREIFLSQP ILLELEAPLK ICGDIHGQYY DLLRLFYGG FPESNYLFL GDYVDRGKQS LETICLLLAY KIKYPENFFL LRGNHECASI NRIYGFYDEC KRRYNIKLWK TFTDCFNCLP IAAIVDEKIF CCHGGLSPDL QSMEQIRRM RPTDVPDQGL LCDLLWSDPD KDVLGWGEND RGVSFTEGAE VVAKFLHKHD LDLICRA- HGV VEDGYEFFAK RQLVTLFSAP NYCGEFDNAG AMMSVDETLM CSFQILKPAE KKKPNATRPV TPPRGMITKQ AKK.
Source	<i>E. coli</i> .
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 PPP1CC solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 50% glycerol. Greater than 85% 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**