

Recombinant Human PPP1CC Protein, His-tagged

Cat. No. PPP1CC-648H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1CC(Ala2-Lys323) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-323 a.a.
Description	The protein encoded by this gene belongs to the protein phosphatase family, PP1 subfamily. PP1 is an ubiquitous serine/threonine phosphatase that regulates many cellular processes, including cell division. It is expressed in mammalian cells as three closely related isoforms, alpha, beta/delta and gamma, which have distinct localization patterns. This gene encodes the gamma isozyme. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	20mM Tris-HCl, 1mM DTT, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	40.2 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PPP1CC protein phosphatase 1, catalytic subunit, gamma isozyme [Homo sapiens]

Official Symbol PPP1CC

Synonyms

PPP1CC; protein phosphatase 1, catalytic subunit, gamma isozyme; protein phosphatase 1, catalytic subunit, gamma isoform; serine/threonine-protein phosphatase PP1-gamma catalytic subunit; PP1gamma; serine/threonine phosphatase 1 gamma; protein phosphatase 1C catalytic subunit; PP-1G; PPP1G;

Gene ID 5501

mRNA Refseq NM_001244974

Protein Refseq NP_001231903

MIM 176914

UniProt ID P36873

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