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Recombinant Human Protein Phosphatase 1C Catalytic Subunit/PPP1CC Protein(N, C-6His)

产品货号: TP06035

第三版

别名: Serine/Threonine-Protein Phosphatase PP1-Gamma Catalytic Subunit; PP-1G; Protein Phosphatase 1C Catalytic Subunit; PPP1CC

描述: Serine/Threonine-Protein Phosphatase PP1- Catalytic Subunit (PPP1CC) is a member of the PPP phosphatase family. It is essential for cell division, participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. PPP1CC colocalizes with SPZ1 in the nucleus, with URI1 at mitochondrion, Rapidly exchanges between the nucleolar, nucleoplasmic and cytoplasmic compartments. As a cofactor, PPP1CC binds one iron ion and one manganese ion per subunit.. In addition, PPP1CC may play an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca<sup>2+</sup>/calmodulin dependent protein kinase II.

配方: PBS

分子量: 40.2 kDa

序列: Met 1-Lys323

纯度: > 95% by HPLC

浓度:

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.