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32-2719: PPP1R1A Recombinant Protein

Alternative Name : IPP1,IPP-1,I-1,PPP1R1A,PPI-1,Protein Phosphatase Inhibitor-1,Protein phosphatase 1 regulatory subunit 1A.

Description

Source : Escherichia Coli. 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. PPP1R1A is an inhibitor of protein-phosphatase 1. IPP-1 protein plays important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP elevate IPP-1 activity. PPP1R1A activation caused cAMP to control over proteins that are not directly phosphorylated by PKA following a rise in intracellular calcium, IPP-1 is inactivated by calcineurin (PP2B). Multiple domains in IPP-1 target cellular PP1 complexes. PPP1R1A is a cellular regulator of eIF2 alpha phosphorylation.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The PPP1R1A solution contains 50mM Tris pH-8, 0.1mM PMSF, 1mM EDTA, 1mM DTT & 10% glycerol.
Storage condition :	PPP1R1A although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	MEQDNSPRKI QFTVPLLEPH LDPEAAEQIR RRRPTPATLV LTSDQSSPEI DEDRIPNPHL KSTLAMSPRQ RKKMTRITPT MKELQMMVEH HLGQQQQGEE PEGAAESTGT QESRPPGIPD TEVESRLGTS GTAKKTAECI PKTHERGSKE PSTKEPSTHI PPLDSKGANS VLEHHHHHH.

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