

32-4490: Recombinant Human Protein Phosphatase 1, Regulatory Subunit 3B

Alternative Name : Protein phosphatase 1 regulatory subunit 3B, Hepatic glycogen-targeting protein phosphatase 1 regulatory subunit GL, Protein phosphatase 1 regulatory subunit 4, PP1 subunit R4, Protein phosphatase 1 subunit GL, PTG, PPP1R4, PPP1R3B, Protein Phosphata

Description

Source : Escherichia Coli. PPP1R3B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-285) and having a molecular mass of 35.1 kDa. PPP1R3B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Protein Phosphatase 1, Regulatory Subunit 3B (PPP1R3B) is the catalytic subunit of the serine/threonine phosphatase, protein phosphatase-1. PPP1R3B, which is expressed both in liver and in skeletal muscle tissue, regulates glycogen synthesis in these tissues. PPP1R3B is involved in type 2 diabetes and maturity-onset diabetes of the young.

Product Info

Amount : 20 µg
Purification : Greater than 85.0% as determined by SDS-PAGE.
Content : The PPP1R3B solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH GSMMAVDIE YRYNCMAPSL RQERFAFKIS PKPSKPLRPC IQLSSKNEAS GMVAPAVQEK KVKKRVSFAD NQGLALTMVK VFSEFDDPLD MPFNITELLD NIVSLTTAES ESFVLDFSQP SADYLDFRNR LQADHVCLN CVLKDKAIAG TVKVQNLAFE KTVKIRMTFD TWKSYTDFPC QYVKDITYAGS DRDTFSFDIS LPEKIQSYER MEFAVYYECN GQTYWDSNRG KNYRIIRAEL KSTQGMTPH SGPDLGISFD QFGSPRCYGLFPEWPSYLG YEKLGPIYY.

