

## 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 SSGLVPRGSH MGSMMAVDIE YRYNCMAPSL RQERFAFKIS PKPSKPLRPC IQLSSKNEAS GMVAPAVQEK KVKKRVSFAD NQGLALTMVK VFSEFDDPLD MPFNITELLD NIVSLTTAES ESFVLDFSQP SADYLDLFRNR LQADHVCLN CVLKDKAIAG TVKVQNLAFE KTVKIRMTFD TWKSYTDFPC QYVKDITYAGS DRDTFSFDIS LPEKIQSYER MEFAVYYECN GQTYWDSNRG KNYRIIRAEL KSTQGMTPH SGPDLGISFD QFGSPRCSYG LFPEWPSYLG YEKLGPPY.