

**PPP1R3B, 1-285aa, Human, His tag, E.coli**

**Cat.NO.: TP03504**

3th Edition

**Synonyms:**Protein phosphatase 1 regulatory subunit 3B, GL, PPP1R4, PTG

**Description:**PPP1R3B is the catalytic subunit of the serine/threonine phosphatase, protein phosphatase-1. The protein is expressed in liver and skeletal muscle tissue and may be involved in regulating glycogen synthesis in these tissues. This gene may be involved in type 2 diabetes and maturity-onset diabetes of the young. Alternate splicing results in multiple transcript variants that encode the same protein. Recombinant human PPP1R3B protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**Molecular Weight:**35.1 kDa (308aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMMAVDIEYRYNCMAPSLRQERFAFKISPKPSKPLRPCIQLSSKNEASGMVAP  
AVQEKKVKKRVSFADNQGLALTMVKVFSEFDDPLDMPFNITELLDNIVSLTTAESESFVLDIFSQPSADYLDFRNRLQ  
ADHVCLENCVLKDKAIAAGTVKVQNLAFEKTVKIRMTFDTWKS YTD FPCQYVKD TYAGSDRDTFSFDISLPEKIQSYE  
RMEFAVYYECNGQTYWDSNRGKNYRIIRAELKSTQGMTKPHSGPDLGISFDQFGSPRCSYGLFPEWPSYLGYEKL  
GPYY

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.