9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PPP1R3B Human

Protein Phosphatase 1, Regulatory Subunit 3B Human Recombinant RCP1698

Product Overview

Name	PPP1R3B Human

Description

Protein Phosphatase 1, Regulatory Subunit 3B Human Recombinant

Accession (Primary)	Q86XI6

Synonyms

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 Phosphatase 1, Regulatory Subunit 3B, GL.

Introduction

Protein Phosphatase 1, Regulatory Subunit 3B (PPP1R3B) is the catalytic subunit of the serine/theonine 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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The PPP1R3B solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

Stability

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.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MMAVDIE YRYNCMAPSL RQERFAFKIS PKPSKPLRPC IQLSSKNEAS GMVAPAVQEK KVKKRVSFAD NQGLALTMVK VFSEFDDPLD MPFNITELLD NIVSLTTAES ESFVLDFSQP SADYLDFRNR LQADHVCLEN CVLKDKAIAG TVKVQNLAFE KTVKIRMTFD TWKSYTDFPC QYVKDTYAGS DRDTFSFDIS LPEKIQSYER MEFAVYYECN GQTYWDSNRG KNYRIIRAEL KSTQGMTKPH SGPDLGISFD

QFGSPRCSYG LFPEWPSYLG YEKLGPYY.

Precautions

PPP1R3B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q86XI6)