

## Datasheet for ABIN6700429 PPP2CB Protein (GST tag)



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### Overview

Quantity:	20 µg
Target:	PPP2CB
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2CB protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	PP2A beta recombinant protein-GST fusion protein
Purification:	Recombinant full-length human PP2A $\beta$ was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >75% by densitometry.
Purity:	>75%

### Target Details

Target:	PPP2CB
Alternative Name:	PPP2CB ( <a href="#">PPP2CB Products</a> )
Background:	Synonyms: PP2A-beta, PP2CB, PPP2CB, PPP2CB protein phosphatase 2 Background: PP2A is one of the four major Ser/Thr phosphatases which are implicated in the negative control of cell growth and division and encodes a specific phosphotyrosyl

## Target Details

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phosphatase activator of the dimeric form of protein phosphatase 2A (1). PP2A holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B which is encoded by a diverse set of genes. The interaction was independent of ATP or magnesium ion and the inclusion of PTPA altered the substrate specificity of PP2A, with enhanced phosphotyrosine phosphatase activity and decreased phosphoserine phosphatase activity (2). PP2A $\beta$  Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Cancer, Cardiovascular Disease, Cell Cycle, ERK/MAPK Pathway, Metabolic Disorder, Phosphatases, Ser/Thr Kinases, and WNT Signaling research.

NCBI Accession: [NM\\_004156](#)

Pathways: [Mitotic G1-G1/S Phases](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

## Application Details

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Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: PP2A $\beta$  Protein is suitable for use in Western Blot. Expect a band approximately ~59 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.1  $\mu\text{g}/\mu\text{L}$

Buffer: PP2A $\beta$  Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Expiry Date: 12 months