

Datasheet for ABIN6699737

**Cyclin C Protein (CCNC) (GST tag)**[Go to Product page](#)

## Overview

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

## Product Details

Purpose:	CyclinC recombinant protein-GST fusion protein
Purification:	Recombinant full-length human CyclinC was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Purity:	>70%

## Target Details

Target:	Cyclin C (CCNC)
Alternative Name:	CCNC ( <a href="#">CCNC Products</a> )
Background:	Synonyms: CCNC, CycC, Cyclin-C, SRB11 homolog, hSRB11 Background: Cyclin C is a member of the cyclin family of proteins and interacts with the cyclin-dependent kinase 8 (CDK8) and induces the phosphorylation of the carboxy-terminal domain of

## Target Details

the large subunit of RNA polymerase II. The mRNA levels of Cyclin C fluctuate during the cell cycle and peak at the G1 phase. Cyclin C acts as a critical regulator of the G0/G1 transition of human Hematopoietic stem cells (1). Cyclin C can also combine with CDK3 to stimulate Rb phosphorylation at S807/811 during the G0/G1 transition, and this phosphorylation is required for cells to exit G0 efficiently (2). Cyclin C Protein is ideal for investigators involved in Signaling Proteins, Cell Cycle Proteins, Cancer, and Cell Cycle research.

NCBI Accession:	<a href="#">NM_005190</a>
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	Western_Blot_Dilution: User Optimized  Application_Note: CyclinC Protein is suitable for use in Western Blot. Expect a band approximately ~ 55 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.05 µg/µL
Buffer:	CyclinC Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 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