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Datasheet for ABIN6699751

**Cyclin Y Protein (CCNY) (GST tag)**

## Overview

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

## Product Details

Purpose:	CyclinY recombinant protein-GST fusion protein
Purification:	Recombinant human Cyclin Y (2-end) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >95% by densitometry.
Purity:	>95%

## Target Details

Target:	Cyclin Y (CCNY)
Alternative Name:	CCNY ( <a href="#">CCNY Products</a> )
Background:	Synonyms: CCNY, C10orf9, CBCP1, CCNX, CFP1, Cyclin-Y, Cyc-Y, Cyclin box protein 1, Cyclin fold protein 1, cyclin-X Background: Cyclin Y belongs to the highly conserved cyclin family. The members of the cyclin

## Target Details

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family are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclin Y plays an important role in the processes of transcription, DNA repair, and cell cycle progression. Cyclin Y regulates cyclin-dependent kinases (1). Cyclin Y is an isoform of CCNY that is also known as CFP1 variant A which has a calculated molecular mass of 36.9 kD. (2). Cyclin Y specifically activates transcription through the MYC promoter. Cyclin Y Protein is ideal for investigators involved in Signaling Proteins, Cell Cycle Proteins, Cancer, and Cell Cycle research.

NCBI Accession: [NM\\_145012](#)

## Application Details

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Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: CyclinY Protein is suitable for use in Western Blot. Expect a band approximately ~ 65 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 µg/µL

Buffer: CyclinY 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