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Datasheet for ABIN6699749

## Cyclin O Protein (CCNO) (GST tag)

### Overview

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

### Product Details

Purpose:	CyclinO recombinant protein-GST fusion protein
Purification:	Recombinant full-length human CyclinO 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 O (CCNO)
Alternative Name:	CCNO ( <a href="#">CCNO Products</a> )
Background:	Synonyms: CCNO, CCNU, UDG2, Cyclin-O Background: Cyclin O belongs to the highly conserved cyclin family. These family members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclin O

## Target Details

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plays an important role in the processes of transcription. Cyclin O also plays an important role in DNA repair and cell cycle progression. Cyclin O localizes exclusively in the nucleus (1). Cyclin O shows significant uracil-DNA glycosylase activity in which the activity of in vitro translated UDG2 was not as robust as that of the mitochondrial isoform of UNG (2). Cyclin O Protein is ideal for investigators involved in Signaling Proteins, Cell Cycle Proteins, Cancer, and Cell Cycle research.

NCBI Accession: [NM\\_021147](#)

## Application Details

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Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: CyclinO Protein is suitable for use in Western Blot. Expect a band approximately ~ 69 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: CyclinO 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