

Datasheet for ABIN6699747

Cyclin K Protein (CCNK) (GST tag)[Go to Product page](#)

Overview

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

Product Details

Purpose:	CyclinK recombinant protein-GST fusion protein
Purification:	Recombinant full-length human CyclinK was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >85% by densitometry.
Purity:	>85%

Target Details

Target:	Cyclin K (CCNK)
Alternative Name:	CCNK (CCNK Products)
Background:	Synonyms: CCNK, CPR4, MGC9113, Cyclin-K Background: CyclinK is a member of the cyclin family which can regulate transcription through their association with and activation of cyclin-dependent kinases (CDK). The CDK/CyclinK

Target Details

complex can phosphorylate the C-terminal domain (CTD) of the large subunit of RNA polymerase II (1). CyclinK is associated with potent CTD kinase and CDK kinase activities in vitro and coimmunoprecipitates with POLR2A. CyclinK is a new member of the transcription cyclin family which may play a dual role in regulating CDK and RNA polymerase II activities (2). Cyclin K Protein is ideal for investigators involved in Signaling Proteins, Cell Cycle Proteins, Cancer, and Cell Cycle research.

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: CyclinK Protein is suitable for use in Western Blot. Expect a band approximately ~ 67 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: 0.1 µg/µL

Buffer: CyclinK Protein is stored in 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 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