

Datasheet for ABIN6699753 **CDK11 Protein (GST tag)**



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Overview

Quantity:	20 µg
Target:	CDK11 (CDK11B)
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK11 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	CDK11B (CDC2L1) recombinant protein-GST fusion protein
Purification:	Recombinant full-length human CDK11B (CDC2L1) 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:	CDK11 (CDK11B)
Alternative Name:	CDK11B (CDK11B Products)
Background:	Synonyms: CDC2L1, CDK11-p110, CDK11-p46, p58CDC2L1, CLK-1, CDK11-p58, p58CLK-1, p58, PK58, Cyclin-dependent kinase 11B, Cell division cycle 2-like protein kinase 1, Cell division protein kinase 11B, Galactosyltransferase-associated protein kinase p58/GTA, PITSLRE

Target Details

serine/threonine-protein kinase CDC2L1, p58 CLK-1

Background: CDC2L1 is a member of the p34Cdc2 protein kinase family. p34Cdc2 protein kinase family is known to be essential for eukaryotic cell cycle control. CDC2L1 is well conserved evolutionarily and is regulated during murine embryogenesis. CDC2L1 activity is coordinately regulated with that of p34 (cdc2) during the cell cycle (1). The protein kinase encoded by CDC2L1 can be cleaved by caspases and is demonstrated to play roles in cell apoptosis (2). CDC2L1 Protein is ideal for investigators involved in Signaling Proteins, Cell Cycle Proteins, Cancer, Cell Cycle, and Ser/Thr Kinases research.

NCBI Accession: [NM_033486](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha, M Phase](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: CDC2L1 Protein is suitable for use in Western Blot. Expect a band approximately ~ 135 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: CDC2L1 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