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Datasheet for ABIN6699762 p21 Protein (GST tag)

Overview

Quantity:	50 µg
Target:	p21 (CDKN1A)
Origin:	Human
Source:	Escherichia coli (E. coli)
Purification tag / Conjugate:	This p21 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Cross-Reactivity:	Human
Characteristics:	CDKN1A, P21, SDI1, WAF1, CAP20, CDKN1, MDA-6, Cyclin-dependent kinase inhibitor 1, CDK-interacting protein 1, Melanoma differentiation-associated protein 6, MDA-6, p21
Purification:	Recombinant full-length human p21CIP1 was expressed in E. coli cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >80% by densitometry.

Target Details

Target:	p21 (CDKN1A)
Alternative Name:	p21CIP1 (CDKN1A Products)
Pathways:	p53 Signaling , PI3K-Akt Signaling , Cell Division Cycle , AMPK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Mitotic G1-G1/S Phases , DNA Replication , Hepatitis C , Synthesis of DNA , Autophagy

Application Details

Application Notes: Application Note: p21CIP1 Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol. p21CIP1 Protein is suitable for use in Western Blot and Kinase Assay. Expect a band approximately ~46 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Western Blot Dilution: User Optimized

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 µg/µL

Storage: -80 °C

Storage Comment: -80 °c

Expiry Date: 12 months
