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Datasheet

CDKN1B FISH Probe

Catalog Number: FA0305

Regulatory Status: For research use only (RUO)

Product Description: Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).

Regulation Status: For research use only (RUO)

Source: Genomic DNA

Origin: Human

Notice: We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.

Applications: FISH-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Supplied Product: DAPI Counterstain (1500 ng/mL) 250 uL

Storage Instruction: Store at 4°C in the dark.

Entrez GeneID: 1027

Gene Symbol: CDKN1B

Gene Alias: CDKN4, KIP1, MEN1B, MEN4, P27KIP1

Gene Summary: This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. [provided by RefSeq]