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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CTNNB1(Texas Red)/CEN3q(FITC) FISH Probe

產品編號 #: FA0504

規格 : [200 uL]

List All

Specification

Product Description:	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology)
Supplied Product:	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction:	Store at 4°C in the dark.
Origin:	Human
Source:	Genomic DNA
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.
Regulation Status:	For research use only (RUO)

Application Image

Fluorescent In Situ Hybridization (Cell)

Applications

Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

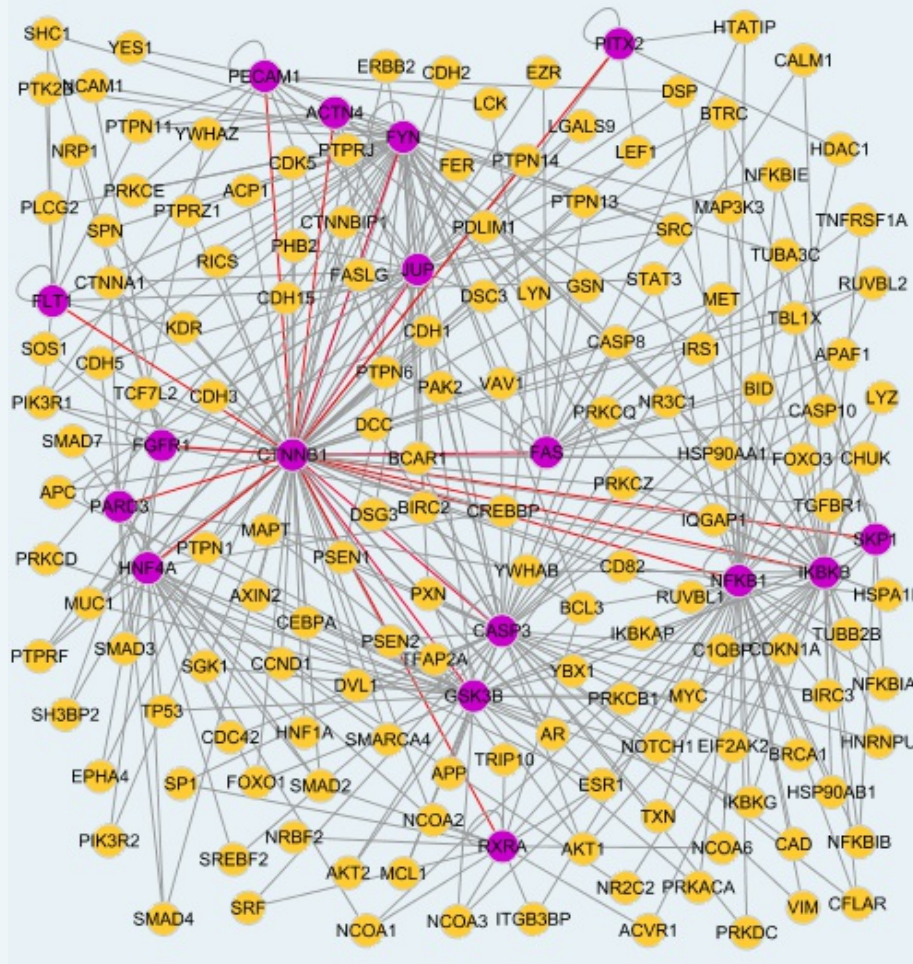
Gene Information

Entrez GeneID:	1499
Gene Name:	CTNNB1
Gene Alias:	CTNNB,DKFZp686D02253,FLJ25606,FLJ37923
Gene Description:	catenin (cadherin-associated protein), beta 1, 88kDa
Omim ID:	114550 , 116806 , 132600 , 155255
Gene Ontology:	Hyperlink

Gene Summary: Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior. At several stages of embryogenesis, wound healing, and tumor cell metastasis, cells form and leave epithelia. This process, which involves the disruption and reestablishment of epithelial cell-cell contacts, may be regulated by the disassembly and assembly of AJs. AJs may also function in the transmission of the 'contact inhibition' signal, which instructs cells to stop dividing once an epithelial sheet is complete.
[supplied by OMIM]

Other Designations: OTTHUMP00000165222,OTTHUMP00000165223,catenin (cadherin-associated protein), beta 1 (88kD),catenin beta-1

Interactome



Gene Pathway

[Adherens junction](#) [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
[Basal cell carcinoma](#) [Colorectal cancer](#) [Endometrial cancer](#) [Focal adhesion](#)
[Leukocyte transendothelial migration](#) [Melanogenesis](#)
[Pathogenic Escherichia coli infection - EHEC](#) [Pathways in cancer](#) [Prostate cancer](#)
[Thyroid cancer](#) [Tight junction](#) [Wnt signaling pathway](#)

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