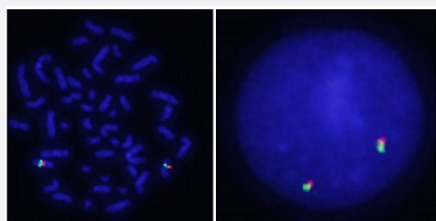


CDH17 Split FISH Probe

Catalog # FS0070 Size 200 uL, 100 uL

Applications



Specification

Product Description Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. ([Technology](#)).

Probe 1
Name: CDH17
Size: Approximately 570kb
Fluorophore: Texas Red
Location: 8q22.1

Probe 2
Name: CDH17
Size: Approximately 590kb
Fluorophore: FITC
Location: 8q22.1

Origin Human

Source Genomic DNA

Reactivity Human

Form Liquid

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)

Quality Control Testing

Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The left image is chromosomes at metaphase, and the right image is an interphase nucleus.

Supplied Product

DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe

Probe Position**Storage Instruction**

Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — CDH17

Entrez GeneID

[1015](#)

Gene Name

CDH17

Gene Alias

CDH16, FLJ26931, HPT-1, HPT1, MGC138218, MGC142024

Gene Description

cadherin 17, LI cadherin (liver-intestine)

Omim ID

[603017](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

HPT-1 cadherin|LI cadherin|cadherin 17|cadherin-16|human intestinal peptide-associated transporter HPT-1|human peptide transporter 1|liver-intestine cadherin

Disease

- [Depressive Disorder](#)