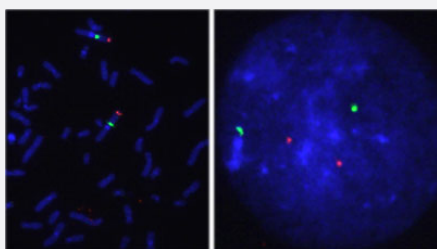


# KLHDC7A/CEN1p FISH Probe

Catalog # FG0072

Size 200 uL, 100 uL

## Applications



Hybridization position of the probes on the chromosome:

Hybridization position of the probes on the chromosome:

## Specification

|                            |                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Labeled FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ( <a href="#">Technology</a> ). |
| <b>Probe 1</b>             | <b>Name:</b> KLHDC7A<br><b>Size:</b> Approximately 290kb<br><b>Fluorophore:</b> Texas Red<br><b>Location:</b> 1p36.13                           |
| <b>Probe 2</b>             | <b>Name:</b> CEN1p<br><b>Size:</b> Approximately 780kb<br><b>Fluorophore:</b> FITC<br><b>Location:</b> 1p13.3                                   |
| <b>Probe Gap</b>           | The gap between two probes is approximately 90,900 kb.                                                                                          |

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Origin                  | Human                                                                                                                                                                                                                         |
| Source                  | Genomic DNA                                                                                                                                                                                                                   |
| Reactivity              | Human                                                                                                                                                                                                                         |
| Form                    | Liquid                                                                                                                                                                                                                        |
| Notice                  | We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) 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                                                                                                                                                             |
| Storage Instruction     | Store at 4°C in the dark.                                                                                                                                                                                                     |
| Note                    | Hybridization position of the probes on the chromosome:<br>Hybridization position of the probes on the chromosome:                                                                                                            |

## Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

## Gene Info — KLHDC7A

|                    |                            |
|--------------------|----------------------------|
| Entrez GeneID      | <a href="#">127707</a>     |
| Gene Name          | KLHDC7A                    |
| Gene Alias         | FLJ38753, RP11-422P22.2    |
| Gene Description   | kelch domain containing 7A |
| Gene Ontology      | <a href="#">Hyperlink</a>  |
| Other Designations | -                          |

## Publication Reference

- [Comprehensive molecular characterization of adenoid cystic carcinoma reveals tumor suppressors as novel drivers and prognostic biomarkers.](#)

Marta Persson, Mattias K Andersson, Per-Erik Sahlin, Yoshitsugu Mitani, Margaret S Brandwein-Weber, Henry F Frierson Jr, Christopher Moskaluk, Isabel Fonseca, Renata Ferrarotto, Werner Boecker, Thomas Loening, Adel K El-Naggar, Göran Stenman

The Journal of Pathology 2023 Aug; [Epub]:0.

Application: FISH, Human, Human head, Human neck

## Disease

- [Tobacco Use Disorder](#)