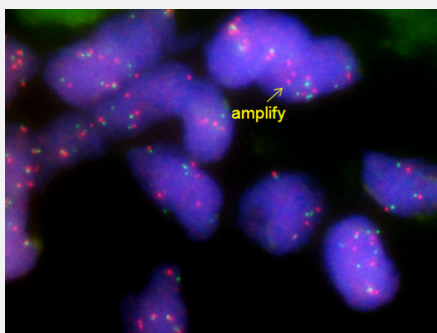


# GINS3/CEN16q FISH Probe

Catalog # FG0083

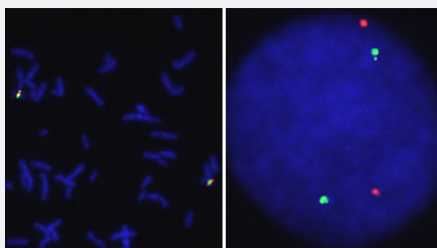
Size 200 uL, 100 uL

## Applications



### Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

Human lung squamous cell carcinoma (FFPE) stained with GINS3/CEN16q FISH Probe. Human lung squamous cell carcinoma showed GINS3 gene amplification.



### Hybridization position of the probes on the chromosome:

Hybridization position of the probes on the chromosome:

□

## Specification

### Product Description

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

<b>Probe 1</b>	<b>Name:</b> GINS3 <b>Size:</b> Approximately 370kb <b>Fluorophore:</b> Texas Red <b>Location:</b> 16q21
<b>Probe 2</b>	<b>Name:</b> CEN16q <b>Size:</b> Approximately 700kb <b>Fluorophore:</b> FITC <b>Location:</b> 16q12.1
<b>Probe Gap</b>	The gap between two probes is approximately 8,660 kb.
<b>Origin</b>	Human
<b>Source</b>	Genomic DNA
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Notice</b>	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.
<b>Regulation Status</b>	For research use only (RUO)
<b>Quality Control Testing</b>	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.
<b>Supplied Product</b>	DAPI Counterstain (1500 ng/mL ) 125 uL for each 100 uL FISH Probe
<b>Storage Instruction</b>	Store at 4°C in the dark.
<b>Note</b>	Hybridization position of the probes on the chromosome: Hybridization position of the probes on the chromosome:

## Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

- Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

Human lung squamous cell carcinoma (FFPE) stained with GINS3/CEN16q FISH Probe. Human lung squamous cell carcinoma showed GINS3 gene amplification.

[Protocol Download](#)

## Gene Info — GINS3

**Entrez GeneID** [64785](#)**Gene Name** GINS3**Gene Alias** FLJ13912, PSF3**Gene Description** GINS complex subunit 3 (Psf3 homolog)**Omim ID** [610610](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a protein subunit of the GINS heterotetrameric complex, which is essential for the initiation of DNA replication and replisome progression in eukaryotes. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

**Other Designations** GINS complex subunit 3

## Disease

- [Arrhythmias](#)
- [Death](#)
- [Genetic Predisposition to Disease](#)