

# NUF2 FISH Probe

Catalog # FA0052      Size 200 uL

## Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ( <a href="#">Technology</a> ).
Origin	Human
Source	Genomic DNA
Reactivity	Human
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)
Supplied Product	DAPI Counterstain (1500 ng/mL ) 250 uL
Storage Instruction	Store at 4°C in the dark.

## Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

## Gene Info — NUF2

Entrez GeneID	<a href="#">83540</a>
Gene Name	NUF2
Gene Alias	CDCA1, NUF2R
Gene Description	NUF2, NDC80 kinetochore complex component, homolog (S. cerevisiae)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

This gene encodes a protein that is highly similar to yeast Nuf2, a component of a conserved protein complex associated with the centromere. Yeast Nuf2 disappears from the centromere during meiotic prophase when centromeres lose their connection to the spindle pole body, and plays a regulatory role in chromosome segregation. The encoded protein is found to be associated with centromeres of mitotic HeLa cells, which suggests that this protein is a functional homolog of yeast Nuf2. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq]

## Other Designations

NUF2, NDC80 kinetochore complex component|OTTHUMP00000032177|OTTHUMP00000032178|cell division cycle associated 1

## Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)