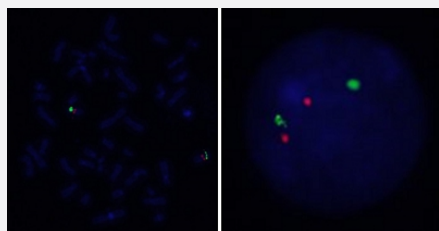


# SP7/CEN12p FISH Probe

Catalog # FG0215

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> SP7 <b>Size:</b> Approximately 160kb <b>Fluorophore:</b> TexRed <b>Location:</b> 12q13.13
<b>Probe 2</b>	<b>Name:</b> CEN12p <b>Size:</b> Approximately 530kb <b>Fluorophore:</b> FITC <b>Location:</b> 12q11.22
<b>Origin</b>	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. Hybridization position of the probes on the chromosome.

## Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

## Gene Info — SP7

Entrez GeneID	<a href="#">121340</a>
Gene Name	SP7
Gene Alias	MGC126598, OSX, osterix
Gene Description	Sp7 transcription factor
Omim ID	<a href="#">606633</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	SP7 is a C2H2-type zinc finger transcription factor of the SP gene family and a putative master regulator of bone cell differentiation (Gao et al., 2004 [PubMed 15474293]).[supplied by OMIM]
Other Designations	osterix

## Disease

- [Fractures](#)
- [Wounds and Injuries](#)