SHOX(Texas Red)/CENXp(FITC) FISH Probe

Catalog # FA0615 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
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)
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 — SHOX

Entrez GeneID	6473
Gene Name	SHOX
Gene Alias	GCFX, PHOG, SHOXY, SS
Gene Description	short stature homeobox

Omim ID	127300 249700 312865 400020 604271
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000022821|OTTHUMP00000022822|growth control factor, X-linked|pseudoautosomal homeobox-containing osteogenic

Disease

- Growth Disorders