HIRA FISH Probe

Catalog # FA0450 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 — HIRA

Entrez GeneID	7290
Gene Name	HIRA
Gene Alias	DGCR1, TUP1, TUPLE1
Gene Description	HIR histone cell cycle regulation defective homolog A (S. cerevisiae)

Omim ID	600237
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucle osomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transc riptionally silent heterochomatin. This gene plays an important role in the formation of the senesce nce-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficien cy syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt n ormal embryonic development. [provided by RefSeq
Other Designations	DiGeorge critical region gene 1|HIR histone cell cycle regulation defective homolog A

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema