WHSC1 FISH Probe

Catalog # FA0120 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 — WHSC1

Entrez GeneID	7468
Gene Name	WHSC1
Gene Alias	FLJ23286, KIAA1090, MGC176638, MMSET, NSD2, REIIBP, TRX5, WHS
Gene Description	Wolf-Hirschhorn syndrome candidate 1

Omim ID	602952
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that contains four domains present in other developmental proteins: a PWWP domain, an HMG box, a SET domain, and a PHD-type zinc finger. It is expressed ubiquitously in early development. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This gene maps to the 165 kb WHS critical region and has also been involved in the chromosomal translocation t(4;14)(p16.3;q32.3) in multiple myelomas. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. Some transcript variants are nonsense-mediated mRNA (NMD) decay candidates, hence not represented as reference sequences. [provided by RefSeq
Other Designations	IL5 promoter REII region-binding protein|OTTHUMP00000149955|OTTHUMP00000159146|Wolf-Hirschhorn syndrome candidate 1 protein|multiple myeloma SET domain containing protein type III|trithorax/ash1-related protein 5

Pathway

- Lysine degradation

Disease

- Cleft Lip
- Cleft Palate
- Kidney Failure