

GLI(Texas Red)/CEN12p(FITC) FISH Probe

Catalog # FA0571

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 — GLI1

Entrez GeneID	2735
Gene Name	GLI1
Gene Alias	GLI
Gene Description	glioma-associated oncogene homolog 1 (zinc finger protein)

Omim ID [165220](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Kruppel family of zinc finger proteins. The encoded transcript ion factor is activated by the sonic hedgehog signal transduction cascade and regulates stem cell proliferation. The activity and nuclear localization of this protein is negatively regulated by p53 in a n inhibitory loop. Multiple transcript variants encoding different isoforms have been found for this g ene. [provided by RefSeq

Other Designations glioma-associated oncogene homolog (zinc finger protein)|glioma-associated oncogene homolo g 1

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Heart Septal Defects](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Skin Neoplasms](#)