

GLI3 FISH Probe

Catalog # FA0188 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 — GLI3

Entrez GeneID	2737
Gene Name	GLI3
Gene Alias	ACLS, GCPS, PAP-A, PAPA, PAPA1, PAPB, PHS, PPDV
Gene Description	GLI-Kruppel family member GLI3

Omim ID [146510](#) [165240](#) [174200](#) [174700](#) [175700](#) [200990](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein which belongs to the C2H2-type zinc finger proteins subclass of the Gli family. They are characterized as DNA-binding transcription factors and are mediators of Sonic hedgehog (Shh) signaling. The protein encoded by this gene localizes in the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. Mutations in this gene have been associated with several diseases, including Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, and postaxial polydactyly types A1 and B. [provided by RefSeq]

Other Designations DNA-binding protein|OTTHUMP00000025248|OTTHUMP00000159085|oncogene GLI3|zinc finger protein GLI3

Pathway

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

Disease

- [Abnormalities](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Craniofacial Abnormalities](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hamartoma](#)
- [Mouth Abnormalities](#)

- [Pallister-Hall Syndrome](#)
- [Syndactyly](#)
- [Syndrome](#)