

PAX8 FISH Probe

Catalog # FA0073 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 — PAX8

Entrez GeneID	7849
Gene Name	PAX8
Gene Alias	-
Gene Description	paired box 8

Omim ID [167415 218700](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations OTTHUMP00000158659|OTTHUMP00000158660|paired domain gene 8

Pathway

- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Congenital Hypothyroidism](#)
- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)