PCSK1 FISH Probe

Catalog # FA0145 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 — PCSK1

Entrez GeneID	5122
Gene Name	PCSK1
Gene Alias	BMIQ12, NEC1, PC1, PC3, SPC3
Gene Description	proprotein convertase subtilisin/kexin type 1

Omim ID	162150 600955
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a type I proinsulin-processing enzyme that pl ays a key role in regulating insulin biosynthesis. It is also known to cleave proopiomelanocortin, pr orenin, proenkephalin, prodynorphin, prosomatostatin and progastrin. Mutations in this gene are t hought to cause obesity. This encoded protein is associated with carcinoid tumors. The use of alt ernate polyadenylation sites has been found for this gene. Multiple alternatively spliced transcript v ariants have been described for this gene but their full length nature is not known. [provided by Ref Seq
Other Designations	neuroendocrine convertase 1|prohormone convertase 1|prohormone convertase 3|proprotein con vertase 1

Disease

- Albuminuria
- Alzheimer disease
- Birth Weight
- Body Weight
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Edema
- Genetic Predisposition to Disease
- Glucose Intolerance
- Hyperinsulinism
- Hypertension
- Insulin Resistance

- Metabolic Syndrome X
- Neoplasms
- Obesity
- Osteoporosis
- Ovarian Failure
- Overweight
- Polycystic Ovary Syndrome
- Prediabetic State
- Puberty
- Syndrome
- Thrombophilia
- Tobacco Use Disorder