FURIN FISH Probe

Catalog # FA0352 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 Products	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — FURIN

Entrez GeneID	5045
Gene Name	FURIN
Gene Alias	FUR, PACE, PCSK3, SPC1

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Gene Description	furin (paired basic amino acid cleaving enzyme)
Omim ID	136950
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 calcium-dependent serine endoprotease th at can efficiently cleave precursor proteins at their paired basic amino acid processing sites. So me of its substrates are: proparathyroid hormone, transforming growth factor beta 1 precursor, pr oalbumin, pro-beta-secretase, membrane type-1 matrix metalloproteinase, beta subunit of pro-ne rve growth factor and von Willebrand factor. It is also thought to be one of the proteases responsib le for the activation of HIV envelope glycoproteins gp160 and gp140. This gene is thought to play a role in tumor progression. The use of alternate polyadenylation sites has been found for this gen e. [provided by RefSeq
Other Designations	FES upstream region|dibasic processing enzyme|furin|furin, membrane associated receptor prot ein|paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)|prop rotein convertase subtilisin/kexin type 3

Disease

- Cardiovascular Diseases
- Colonic Neoplasms
- Colorectal Neoplasms
- Diabetes Mellitus
- Disease Progression
- Edema
- Genetic Predisposition to Disease
- Hepatitis B
- Hypertension
- Liver Cirrhosis
- Rectal Neoplasms

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