LIS1(Texas Red)/CEN17q(FITC) FISH Probe

Catalog # FA0584 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 — PAFAH1B1

Entrez GeneID	5048
Gene Name	PAFAH1B1
Gene Alias	LIS1, LIS2, MDCR, MDS, PAFAH

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Gene Description	platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa
Omim ID	247200 601545 607432
Gene Ontology	Hyperlink
Gene Summary	This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. This gene encodes the non-catalytic alpha subunit of the intracellular Ib isoform of platelet-activating factor acteylhydrolase, a heterotrimeric enzyme that specifically catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glyceryl-3-phosphorylcholine). Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist: one composed of multiple subunits, the other, a single subunit. In addition, a single-subunit isoform of this enzyme is found in serum. [provided by RefSeq
Other Designations	Platelet-activating factor acetylhydrolase, isoform 1B, alpha subunit|lissencephaly 1 protein|platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit

Pathway

- Ether lipid metabolism
- Metabolic pathways

Disease

- Alzheimer Disease
- Arterial Occlusive Diseases
- Atherosclerosis
- Bipolar Disorder
- Cardiomyopathy
- Cardiovascular Diseases
- Cerebral Infarction
- Chorioamnionitis
- Cleft Lip
- Cleft Palate
- Cognition

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- Connective Tissue Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Epilepsy
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Glaucoma
- Graft Occlusion
- Infection
- Inflammation
- Mental Disorders
- Mucocutaneous Lymph Node Syndrome
- Multiple Sclerosis
- Musculoskeletal Diseases
- Myocardial Infarction
- Neuromyelitis Optica
- Neuropsychological Tests
- Obstetric Labor
- Postmortem Changes
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Schizophrenia
- Skin Diseases

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