LIF FISH Probe

Catalog # FA0457 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 — LIF

Entrez GeneID	3976
Gene Name	LIF
Gene Alias	CDF, DIA, HILDA
Gene Description	leukemia inhibitory factor (cholinergic differentiation factor)

Omim ID	159540
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a pleiotropic cytokine with roles in several different systems. I t is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface. [provided by RefSeq
Other Designations	D factor|cholinergic differentiation factor|differentiation inhibitory activity|differentiation stimulating factor

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Abortion
- Arthritis
- Brain Ischemia
- Cardiovascular Diseases
- Cerebrovascular Accident
- Dementia
- Diabetes Mellitus
- Edema
- Endometriosis
- Genetic Predisposition to Disease
- Infertility
- Memory
- Mental Disorders

- Multiple Sclerosis
- Neuropsychological Tests
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Schizophrenia
- Thrombophilia
- Tobacco Use Disorder