

USF1 FISH Probe

Catalog # FA0051 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 — USF1

Entrez GeneID	7391
Gene Name	USF1
Gene Alias	FCHL, FCHL1, HYPLIP1, MLTF, MLTFI, UEF, bHLHb11
Gene Description	upstream transcription factor 1

Omim ID [144250 191523 602491](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000029691|OTTHUMP00000029693|major late transcription factor 1|upstream stimulatory factor 1

Disease

- [Alzheimer disease](#)
- [Aortic Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Death](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemia](#)
- [Insulin Resistance](#)

- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)