UPP1 FISH Probe

Catalog # FA0190 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 — UPP1

Entrez GeneID	7378
Gene Name	UPP1
Gene Alias	UDRPASE, UP, UPASE, UPP
Gene Description	uridine phosphorylase 1

Omim ID	191730
Gene Ontology	Hyperlink
Gene Summary	The 2 known types of pyrimidine nucleoside phosphorylases, uridine phosphorylase (UP; EC 2.4.2.3) and thymidine phosphorylase (TP; EC 2.4.2.4), in the presence of orthophosphate, catalyze the reversible phosphorolysis of uridine and thymidine or deoxyuridine, respectively, to free bases and ribose-1-phosphate or deoxyribose-1-phosphate. Pyrimidine nucleoside phosphorylases can add ribose or deoxyribose to pyrimidine bases to form nucleosides that can be incorporated into RNA or DNA (Watanabe and Uchida, 1995 [PubMed 7488099]).[supplied by OMIM
Other Designations	OTTHUMP00000159566

Pathway

- Drug metabolism - other enzymes
- Metabolic pathways
- Pyrimidine metabolism