MAPT FISH Probe

Catalog # FA0649 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 (150 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — MAPT

Entrez GeneID	4137
Gene Name	MAPT
Gene Alias	DDPAC, FLJ31424, FTDP-17, MAPTL, MGC138549, MSTD, MTBT1, MTBT2, PPND, TAU
Gene Description	microtubule-associated protein tau

Omim ID	157140 168600 172700 260540 600274 601104
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy. [provided by RefSeq
Other Designations	G protein beta1/gamma2 subunit-interacting factor 1|microtubule-associated protein tau, isoform 4

Pathway

- MAPK signaling pathway

Disease

- Alzheimer disease
- Amyloidosis
- Amyotrophic lateral sclerosis
- Aphasia
- Atherosclerosis
- Atrophy
- Autistic Disorder
- Brain Concussion
- Brain Diseases
- Brain Ischemia
- Cardiovascular Diseases
- Carotid Stenosis
- Cleft Lip
- Cleft Palate

- Cognition
- Cognition Disorders
- Craniofacial Abnormalities
- Creutzfeldt-Jakob Syndrome
- Dementia
- Depressive Disorder
- Diabetes Complications
- Disease Progression
- Dystonia
- Frontotemporal Dementia
- Frontotemporal Lobar Degeneration
- Genetic Predisposition to Disease
- Hallucinations
- Huntington disease
- Inversion
- Memory Disorders
- Mental Retardation
- Mental Status Schedule
- Metabolic Syndrome X
- Mouth Abnormalities
- Movement Disorders
- Myocardial Infarction
- Neoplasms
- Nerve Degeneration
- Neurodegenerative Diseases
- Neuropsychological Tests

- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Parkinson disease
- Parkinsonian Disorders
- Perceptual Disorders
- Pick Disease of the Brain
- Prion Diseases
- Psychomotor Disorders
- Psychomotor Performance
- Psychotic Disorders
- Schizophrenia
- Supranuclear Palsy
- Syndrome
- Tauopathies
- Thrombosis
- Tourette Syndrome
- Visual Perception