MTAP FISH Probe

Catalog # FA0229 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 — MTAP

Entrez GeneID	4507
Gene Name	MTAP
Gene Alias	MSAP, c86fus

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Gene Description	methylthioadenosine phosphorylase
Omim ID	156540
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that plays a major role in polyamine metabolism and is important f or the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively splic ed transcript variants have been described for this gene, but their full-length natures remain unkno wn. [provided by RefSeq
Other Designations	5'-methylthioadenosine phosphorylase|MeSAdo phosphorylase|OTTHUMP00000021152

Pathway

- Cysteine and methionine metabolism
- Metabolic pathways

Disease

- Brain Ischemia
- Diabetes Mellitus
- Gastrointestinal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- Hyperlipidemias
- Hypertension
- Intracranial Embolism
- Melanoma
- Myocardial Infarction
- Neoplasms
- Nevus
- Precancerous Conditions

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- Skin Neoplasms
- Sunburn

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