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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RAF1 FISH Probe

Catalog # : FA0087

規格 : [200 uL]

List All

Specification

Product Description:	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology)
Supplied Product:	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction:	Store at 4°C in the dark.
Origin:	Human
Source:	Genomic DNA
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)

Application Image

Fluorescent In Situ Hybridization (Cell)

Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5894](#)

Gene Name: RAF1

Gene Alias: CRAF,NS5,Raf-1,c-Raf

Gene Description: v-raf-1 murine leukemia viral oncogene homolog 1

Omim ID: [164760](#), [611553](#), [611554](#)

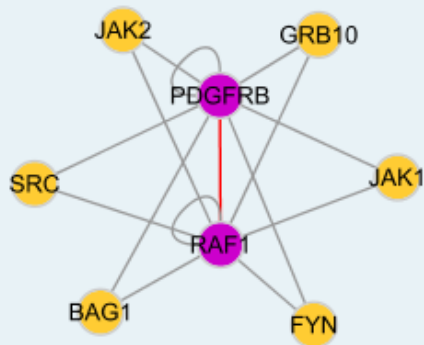
Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is the cellular homolog of viral raf gene (v-raf). The encoded protein is a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Once activated, the cellular RAF1 protein can phosphorylate to activate the dual specificity protein kinases MEK1 and MEK2, which in turn phosphorylate to activate the serine/threonine specific protein kinases, ERK1 and ERK2. Activated ERKs are pleiotropic effectors of cell physiology and play an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration. Mutations in this gene are associated with Noonan syndrome 5 and LEOPARD syndrome 2. [provided by RefSeq]

Other Oncogene RAF1, raf proto-oncogene serine/threonine protein kinase

Designations:

Interactome



Gene Pathway

[Acute myeloid leukemia](#) [B cell receptor signaling pathway](#) [Bladder cancer](#) [Chemokine signaling pathway](#) [Chronic myeloid leukemia](#) [Colorectal cancer](#) [Endometrial cancer](#) [ErbB signaling pathway](#) [Fc epsilon RI signaling pathway](#) [Fc gamma R-mediated phagocytosis](#) [Focal adhesion](#) [Gap junction](#) [Glioma](#) [GnRH signaling pathway](#) [Insulin signaling pathway](#) [Long-term depression](#) [Long-term potentiation](#) [MAPK signaling pathway](#) [Melanogenesis](#) [Melanoma](#) [Natural killer cell mediated cytotoxicity](#) [Neurotrophin signaling pathway](#) [Non-small cell lung cancer](#) [Pancreatic cancer](#) [Pathways in cancer](#) [Prostate cancer](#) [Regulation of actin cytoskeleton](#) [Renal cell carcinoma](#) [T cell receptor signaling pathway](#) [Vascular smooth muscle contraction](#) [VEGF signaling pathway](#)

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