



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RAF1 Split FISH Probe

Catalog Number: FS0095

Regulation Status: For research use only (RUO)

Product Description: Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. ([Technology](#))

Probe 1:

Size:

Fluorophore:

Location: RAF1

Approximately 560kb

Texas Red

3p25.2

Probe 2:

Size:

Fluorophore:

Location: RAF1

Approximately 760kb

FITC

3p25.2

Regulatory Status: For research use only (RUO)

Source: Genomic DNA

Origin: 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.

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Supplied Product: DAPI Counterstain (1500 ng/mL)
125 uL for each 100 uL FISH Probe

Storage Instruction: Store at 4°C in the dark.

Entrez GeneID: 5894

Gene Symbol: RAF1

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

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]