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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAPK10 FISH Probe

Catalog # : FA0127

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: [5602](#)

Gene Name: MAPK10

Gene Alias: FLJ12099,FLJ33785,JNK3,JNK3A,MGC50974,PRKM10,p493F12,p54bS APK

Gene Description: mitogen-activated protein kinase 10

Omim ID: [602897](#), [606369](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This protein is a neuronal-specific form of c-Jun N-terminal kinases (JNKs). Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways during neuronal apoptosis. Beta-arrestin 2, a receptor-regulated MAP kinase scaffold protein, is found to interact with, and stimulate the phosphorylation of this kinase by MAP kinase kinase 4 (MKK4). Cyclin-dependent kinase 5 can phosphorylate, and inhibit the activity of this kinase, which may be

important in preventing neuronal apoptosis. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.
[provided by RefSeq]

Other Designations: JNK3 alpha protein kinase,MAP kinase,OTTHUMP00000161180,OTTHUMP00000161182,OTTHUMP000161183,c-Jun N-terminal kinase 3,c-Jun kinase 3,stress activated protein kinase JNK3,stress activated protein kinase beta

Gene Pathway

[Adipocytokine signaling pathway](#) [Colorectal cancer](#)
[Epithelial cell signaling in Helicobacter pylori infection](#) [ErbB signaling pathway](#)
[Fc epsilon RI signaling pathway](#) [Focal adhesion](#) [GnRH signaling pathway](#)
[Insulin signaling pathway](#) [MAPK signaling pathway](#) [Neurotrophin signaling pathway](#)
[Pancreatic cancer](#) [Pathways in cancer](#) [Toll-like receptor signaling pathway](#)
[Type II diabetes mellitus](#) [Wnt signaling pathway](#)

Related Disease

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