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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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PTPN1(Texas Red)/CEN20p(FITC) FISH Probe

Catalog # : FA0607 **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)

Applications

Fluorescent In Situ Hybridization (Cell)

Protocol Download

Gene Information

Entrez GeneID:	5770
Gene Name:	PTPN1
Gene Alias:	PTP1B
Gene Description:	protein tyrosine phosphatase, non-receptor type 1
Omim ID:	176885, 609830
Gene Ontology:	Hyperlink
Gene Summary:	The protein encoded by this gene is the founding member of the protein tyrosine phosphatase (PTP) family, which was isolated and identified based on its enzymatic activity and amino acid sequence. PTPs catalyze the hydrolysis of the phosphate monoesters specifically on tyrosine residues. Members of the PTP family share a highly conserved catalytic motif, which is essential for the catalytic activity. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP has been shown to act as a negative regulator of insulin signaling by dephosphorylating the phosphotyrosine residues of insulin receptor kinase. This PTP was also reported to dephosphorylate epidermal growth factor receptor kinase, as well as

Application Image

Fluorescent In Situ Hybridization (Cell)

JAK2 and TYK2 kinases, which implicated the role of this PTP in cell growth control, and cell response to interferon stimulation. [provided by RefSeq

Other Designations: OTTHUMP00000031266,non-receptor tyrosine phosphatase 1,protein tyrosine phosphatase 1B,protein tyrosine phosphatase, placental

Gene Pathway

Adherens junction Insulin signaling pathway

Related Disease

Albuminuria Alzheimer Disease Alzheimer disease Arteriosclerosis Atherosclerosis Atherosclerosis Atrophy Calcinosis Cardiomyopathy, Hypertrophic Cardiovascular Diseases Cerebrovascular Disorders Coronary Artery Disease Coronary Disease Diabetes Complications Diabetes Mellitus Diabetes Mellitus, Type 2 Diabetic Angiopathies Diabetic Retinopathy Dyslipidemias

... see more