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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

DDR1(Texas Red)/CEN6p(FITC) FISH Probe

Catalog # : FA0528

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: [780](#)

Gene Name: DDR1

Gene Alias: CAK,CD167,DDR,EDDR1,MCK10,NEP,NTRK4,PTK3,PTK3A,RTK6,TRKE

Gene Description: discoidin domain receptor tyrosine kinase 1

Omim ID: [600408](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their microenvironment. These molecules are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene is a RTK that is widely expressed in normal and transformed epithelial cells and is activated by various types of collagen. This protein belongs to a subfamily of tyrosine kinase receptors with a homology region to the Dictyostelium discoideum protein discoidin I in their extracellular domain. Its autophosphorylation is achieved by all collagens so far tested (type I to type VI). In situ studies and Northern-blot analysis showed that expression of this encoded protein is restricted to epithelial cells, particularly in the kidney,

lung, gastrointestinal tract, and brain. In addition, this protein is significantly over-expressed in several human tumors from breast, ovarian, esophageal, and pediatric brain. This gene is located on chromosome 6p21.3 in proximity to several HLA class I genes. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq]

Other Designations: OTTHUMP00000029343,OTTHUMP00000029344,OTTHUMP00000029345,OTTHUMP00000029346,OTTHUMP00000029347,PTK3A protein tyrosine kinase 3A,cell adhesion kinase,discoilin domain receptor DDR1d,discoilin domain receptor family, member 1,discoilin receptor tyrosine kin

Related Disease

Abortion, Spontaneous Arthritis, Juvenile Rheumatoid Disease Progression, Disease Susceptibility, Genetic Predisposition to Disease, Glomerulonephritis, IGA, Leukemia, Myeloid, Acute, Lupus Erythematosus, Systemic Schizophrenia, Schizophrenia, Vitiligo

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