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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NRG3(Texas Red)/CEN10p(FITC) FISH Probe

Catalog # : FA0557

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: [10718](#)

Gene Name: NRG3

Gene Alias: HRG3,pro-NRG3

Gene Description: neuregulin 3

Omim ID: [605533](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the neuregulin gene family. This gene family encodes ligands for the transmembrane tyrosine kinase receptors ERBB3 and ERBB4 - members of the epidermal growth factor receptor family. Ligand binding activates intracellular signaling cascades and the induction of cellular responses including proliferation, migration, differentiation, and survival or apoptosis. This gene encodes neuregulin 3 (NRG3). NRG3 has been shown to activate the tyrosine phosphorylation of its cognate receptor, ERBB4, and is thought to influence neuroblast proliferation, migration and differentiation by signalling through ERBB4. NRG3 also promotes mammary differentiation during embryogenesis. Linkage studies have implicated this gene as a susceptibility locus for schizophrenia and schizoaffective

disorder. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described but their biological validity has not been verified

Other Designations: neuregulin-3-like polypeptide

Gene Pathway

[ErbB signaling pathway](#)

Related Disease

[Attention Deficit Disorder with Hyperactivity](#) [Cardiovascular Diseases](#)
[Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#)
[Kidney Failure, Chronic](#) [Mental Disorders](#)
[Polyradiculoneuropathy, Chronic Inflammatory Demyelinating](#) [Schizophrenia](#) [Schizophrenia](#)
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