



# 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

### SZABO-SCANDIC HandelsgmbH

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## PIK3CG FISH Probe

Catalog # : FA0197

規格 : [ 200 uL ]

List All

### Specification

<b>Product Description:</b>	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ( <a href="#">Technology</a> )
<b>Supplied Product:</b>	DAPI Counterstain (1500 ng/mL ) 250 uL
<b>Storage Instruction:</b>	Store at 4°C in the dark.
<b>Origin:</b>	Human
<b>Source:</b>	Genomic DNA
<b>Notice:</b>	We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
<b>Regulation Status:</b>	For research use only (RUO)

### Application Image

Fluorescent In Situ Hybridization (Cell)

### Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [5294](#)

**Gene Name:** PIK3CG

**Gene Alias:** PI3CG,PI3K,PI3Kgamma,PIK3

**Gene Description:** phosphoinositide-3-kinase, catalytic, gamma polypeptide

**Omim ID:** [601232](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a protein that belongs to the pi3/pi4-kinase family of proteins. The gene product is an enzyme that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring. It is an important modulator of extracellular signals, including those elicited by E-cadherin-mediated cell-cell adhesion, which plays an important role in maintenance of the structural and functional integrity of epithelia. In addition to its role in promoting assembly of adherens junctions, the protein is thought to play a pivotal role in the regulation of cytotoxicity in NK cells. The gene is located in a commonly deleted segment of chromosome 7 previously identified in myeloid leukemias. [provided by RefSeq]

**Other** 1-phosphatidylinositol 3-kinase,PI3-kinase,PTDINS-3-kinase,p110-  
**Designations:** gamma,phosphatidylinositol 3 kinase gamma, p110  
gamma,phosphatidylinositol 3-kinase catalytic 110-kD  
gamma,phosphatidylinositol 3-kinase, catalytic, gamma  
polypeptide,phosphoinositide-3-kinase

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### Gene Pathway

[Acute myeloid leukemia Apoptosis B cell receptor signaling pathway](#)  
[Chemokine signaling pathway Chronic myeloid leukemia Colorectal cancer](#)  
[Endometrial cancer ErbB signaling pathway Fc epsilon RI signaling pathway](#)  
[Fc gamma R-mediated phagocytosis Focal adhesion Glioma](#)  
[Inositol phosphate metabolism Insulin signaling pathway Jak-STAT signaling pathway](#)  
[Leukocyte transendothelial migration Melanoma mTOR signaling pathway](#)  
[Natural killer cell mediated cytotoxicity Neurotrophin signaling pathway](#)  
[Non-small cell lung cancer Pancreatic cancer Pathways in cancer](#)  
[Phosphatidylinositol signaling system Prostate cancer Regulation of actin cytoskeleton](#)  
[Renal cell carcinoma Small cell lung cancer T cell receptor signaling pathway](#)  
[Toll-like receptor signaling pathway Type II diabetes mellitus VEGF signaling pathway](#)

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### Related Disease

[Adenocarcinoma Attention Deficit Disorder with Hyperactivity Autistic Disorder](#)  
[Drug Toxicity Edema Esophageal Neoplasms Genetic Predisposition to Disease Hepatitis C](#)  
[HIV Infections Hypercholesterolemia Insulin Resistance Mental Disorders NARP Obesity](#)  
[Obesity, Morbid](#)

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