



# 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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## RPS6KB1(Texas Red)/CEN17q(FITC) FISH Probe

Catalog # : FA0589

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

<b>Entrez GeneID:</b>	<a href="#">6198</a>
<b>Gene Name:</b>	RPS6KB1
<b>Gene Alias:</b>	PS6K,S6K,S6K1,STK14A,p70(S6K)-alpha,p70-S6K,p70-alpha
<b>Gene Description:</b>	ribosomal protein S6 kinase, 70kDa, polypeptide 1
<b>Omim ID:</b>	<a href="#">608938</a>
<b>Gene Ontology:</b>	<a href="#">Hyperlink</a>
<b>Gene Summary:</b>	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein. The kinase activity of this protein leads to an increase in protein synthesis and cell proliferation. Amplification of the region of DNA encoding this gene and overexpression of this kinase are seen in some breast cancer cell lines. Alternate translational start sites have been described and alternate transcriptional splice variants have been observed but have not been thoroughly characterized. [provided by RefSeq]
<b>Other</b>	p70 S6 kinase, alpha 1,p70 S6 kinase, alpha 2,ribosomal protein S6

**Designations:** kinase, 70kD, polypeptide 1,serine/threonine kinase 14 alpha

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### Gene Pathway

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[Acute myeloid leukemia](#) [ErbB signaling pathway](#) [Fc gamma R-mediated phagocytosis](#)  
[Insulin signaling pathway](#) [mTOR signaling pathway](#) [TGF-beta signaling pathway](#)

### Related Disease

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[Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Head and Neck Neoplasms](#)  
[Neoplasm Recurrence, Local](#) [Neoplasms, Second Primary](#)

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