



# 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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## PTCH1 FISH Probe

Catalog # : FA0235

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:** [5727](#)

**Gene Name:** PTCH1

**Gene Alias:** BCNS,FLJ26746,FLJ42602,HPE7,NBCCS,PTC,PTC1,PTCH,PTCH11

**Gene Description:** patched homolog 1 (Drosophila)

**Omim ID:** [109400](#), [155255](#), [601309](#), [605462](#), [610828](#)

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

**Gene Summary:** This gene encodes a member of the patched gene family. The encoded protein is the receptor for sonic hedgehog, a secreted molecule implicated in the formation of embryonic structures and in tumorigenesis, as well as the desert hedgehog and indian hedgehog proteins. This gene functions as a tumor suppressor. Mutations of this gene have been associated with basal cell nevus syndrome, esophageal squamous cell carcinoma, trichoepitheliomas, transitional cell carcinomas of the bladder, as well as holoprosencephaly. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences and biological validity cannot be determined currently. [provided by RefSeq]

**Other** OTTHUMP00000021709,OTTHUMP00000021710,PTCH protein  
**Designations:** +12b,PTCH protein +4',PTCH protein -10,patched

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### Gene Pathway

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[Basal cell carcinoma](#) [Hedgehog signaling pathway](#) [Pathways in cancer](#)

### Related Disease

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[Basal Cell Nevus Syndrome](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Basal Cell](#)  
[Carcinoma, Ductal](#), [Breast Carcinoma](#), [Hepatocellular Carcinoma](#), [Lobular](#)  
[Carcinoma](#), [Squamous Cell](#) [Cardiovascular Diseases](#) [Cleft Lip](#) [Cleft Palate](#)  
[Diabetes Mellitus, Type 2](#) [Disease Susceptibility](#) [Edema](#) [Genetic Predisposition to Disease](#)  
[Jaw Neoplasms](#) [Liver Neoplasms](#) [Lung Diseases](#) [Odontogenic Cysts](#)

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