



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

## ADK FISH Probe

Catalog # : FA0254

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: [132](#)

Gene Name: ADK

Gene Alias: AK

Gene Description: adenosine kinase

Omim ID: [102750](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes adenosine kinase, an abundant enzyme in mammalian tissues. The enzyme catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thereby serving as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has widespread effects on the cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme could play an important pharmacological role in increasing intravascular adenosine concentrations and acting as anti-inflammatory agents. Alternative splicing results in two transcript variants encoding different isoforms. Both isoforms of the enzyme phosphorylate adenosine with identical kinetics and both require Mg<sup>2+</sup> for activity. [provided by RefSeq]

**Other** OTTHUMP00000019864,OTTHUMP00000019865,adenosine 5'-  
**Designations:** phosphotransferase

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### Gene Pathway

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[Metabolic pathways](#) [Purine metabolism](#)

### Related Disease

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[Alzheimer Disease](#) [Cardiovascular Diseases](#) [Depressive Disorder, Major](#)  
[Diabetes Mellitus, Type 2](#) [Edema](#) [Fatigue](#) [Genetic Predisposition to Disease](#)  
[Sleep Disorders](#) [Sleep Initiation and Maintenance Disorders](#) [Tobacco Use Disorder](#)

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