



# 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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## DPYD FISH Probe

Catalog # : FA0042

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:** [1806](#)

**Gene Name:** DPYD

**Gene Alias:** DHP,DHPDHASE,DPD,MGC132008,MGC70799

**Gene Description:** dihydropyrimidine dehydrogenase

**Omim ID:** [274270](#)

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

**Gene Summary:** The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations:** OTTHUMP00000037640,OTTHUMP00000058954,dihydrothymine dehydrogenase,dihydrouracil dehydrogenase

## Gene Pathway

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[beta-Alanine metabolism](#) [Drug metabolism - other enzymes](#) [Metabolic pathways](#)  
[Pantothenate and CoA biosynthesis](#) [Pyrimidine metabolism](#)

## Related Disease

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[Adenocarcinoma](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Colon cancer](#)  
[Colonic Neoplasms](#) [Colorectal Neoplasms](#) [Diarrhea](#)  
[Dihydropyrimidine Dehydrogenase Deficiency](#) [Disease Progression](#) [Drug Toxicity](#)  
[Esophageal Neoplasms](#) [Gastrointestinal Diseases](#) [Genetic Predisposition to Disease](#)  
[Hearing Loss](#) [Hematologic Diseases](#) [Hematologic Neoplasms](#) [Kidney Diseases](#)  
[Kidney Failure, Chronic](#)

... see more

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