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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

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CYP11A1 FISH Probe

Catalog # : FA0350

規格 : [200 uL]

List All

Specification

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

Application Image

Fluorescent In Situ Hybridization (Cell)

Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [1583](#)

Gene Name: CYP11A1

Gene Alias: CYP11A,P450SCC

Gene Description: cytochrome P450, family 11, subfamily A, polypeptide 1

Omim ID: [118485](#), [201710](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the mitochondrial inner membrane and catalyzes the conversion of cholesterol to pregnenolone, the first and rate-limiting step in the synthesis of the steroid hormones. Two transcript variants encoding different isoforms have been found for this gene. The cellular location of the smaller isoform is unclear since it lacks the mitochondrial-targeting transit peptide. [provided by RefSeq]

Other cholesterol 20-22 desmolase,cholesterol monooxygenase (side-chain

Designations: [cleaving](#)),[cytochrome P450, subfamily XIA](#),[cytochrome P450, subfamily XIA \(cholesterol side chain cleavage\)](#),[cytochrome P450C11A1](#),[steroid 20-22-lyase](#)

Gene Pathway

[C21-Steroid hormone metabolism](#) [Metabolic pathways](#)

Related Disease

[Adenocarcinoma](#) [Asperger Syndrome](#) [Autistic Disorder](#) [Breast cancer](#) [Breast Neoplasms](#) [Breast Neoplasms, Male](#) [Carcinoma, Non-Small-Cell Lung](#) [Carcinoma, Squamous Cell](#) [Celiac Disease](#) [Colorectal Neoplasms](#) [Disease Progression](#) [Ductus Arteriosus, Patent](#) [Endometrial Neoplasms](#) [Fibrocystic Breast Disease](#) [Genetic Predisposition to Disease](#) [Genital Neoplasms, Male](#) [Hyperandrogenism](#) [Hypertension](#) [Infant, Premature, Diseases](#)

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