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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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AR(Texas Red)/CENXp(FITC) FISH Probe

Catalog # : FA0617

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: [367](#)

Gene Name: AR

Gene Alias: AIS,DHTR,HUMARA,KD,NR3C4,SBMA,SMAX1,TFM

Gene Description: androgen receptor

Omim ID: [17680Z](#), [300068](#), [300633](#), [313200](#), [313700](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The androgen receptor gene is more than 90 kb long and codes for a protein that has 3 major functional domains: the N-terminal domain, DNA-binding domain, and androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor. Upon binding the hormone ligand, the receptor dissociates from accessory proteins, translocates into the nucleus, dimerizes, and then stimulates transcription of androgen responsive genes. This gene contains 2 polymorphic trinucleotide repeat segments that encode polyglutamine and polyglycine tracts in the N-terminal transactivation domain of its protein. Expansion of the polyglutamine tract causes spinal bulbar muscular atrophy (Kennedy disease). Mutations in this gene are also associated with complete androgen insensitivity (CAIS). Two

alternatively spliced variants encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations: OTTHUMP00000023450,OTTHUMP00000061928,dihydrotestosterone receptor

Gene Pathway

[Pathways in cancer](#) [Prostate cancer](#)

Related Disease

[Abortion](#), [Habitual Acne Vulgaris](#) [Adenocarcinoma](#) [Adrenal Hyperplasia](#), [Congenital Alcoholism](#) [Alopecia](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Androgen-Insensitivity Syndrome](#) [Angina Pectoris, Variant](#) [Antisocial Personality Disorder](#) [Arteriosclerosis](#) [Arthritis, Rheumatoid](#) [Asperger Syndrome](#) [Atherosclerosis](#) [Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Azoospermia](#) [Biliary Tract Neoplasms](#)

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