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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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AVP(Texas Red)/CEN20q(FITC) FISH Probe

Catalog # : FA0601

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: [551](#)

Gene Name: AVP

Gene Alias: ADH,ARVP,AVP-NPII,AVRP,VP

Gene Description: arginine vasopressin

Omim ID: [125700](#), [192340](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a precursor protein consisting of arginine vasopressin and two associated proteins, neurophysin II and a glycopeptide, copeptin. Arginine vasopressin is a posterior pituitary hormone which is synthesized in the supraoptic nucleus and paraventricular nucleus of the hypothalamus. Along with its carrier protein, neurophysin II, it is packaged into neurosecretory vesicles and transported axonally to the nerve endings in the neurohypophysis where it is either stored or secreted into the bloodstream. The precursor is thought to be activated while it is being transported along the axon to the posterior pituitary. Arginine vasopressin acts as a growth factor by enhancing pH regulation through acid-base transport systems. It has a direct antidiuretic action on the kidney, and also causes

vasoconstriction of the peripheral vessels. This hormone can contract smooth muscle during parturition and lactation. It is also involved in cognition, tolerance, adaptation and complex sexual and maternal behaviour, as well as in the regulation of water excretion and cardiovascular functions. Mutations in this gene cause autosomal dominant neurohypophyseal diabetes insipidus (ADNDI). [provided by RefSeq]

Other Designations: OTTHUMP00000030089,antidiuretic hormone,arginine vasopressin-neurophysin II,neurohypophyseal,vasopressin-neurophysin II-copeptin

Gene Pathway

[Neuroactive ligand-receptor interaction](#) [Vascular smooth muscle contraction](#)

Related Disease

[Anorexia Nervosa](#) [Bulimia](#) [Depressive Disorder](#), [Major Diabetes Insipidus](#), [Neurogenic Genetic Predisposition to Disease](#) [Mental Disorders](#) [Mood Disorders](#) [Panic Disorder](#) [Psychiatric Status Rating Scales](#)

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