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**

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

# NSD1/CEN5q FISH Probe

**Catalog # :** FA0658 **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 (150 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:** | 64324 |
| **Gene Name:** | NSD1 |
| **Gene Alias:** | ARA267,DKFZp666C163,FLJ10684,FLJ22263,FLJ44628,KMT3B,SOTOS,STO |
| **Gene Description:** | nuclear receptor binding SET domain protein 1 |
| **Omim ID:** | 117550, 130650, 277590, 601626, 606681 |
| **Gene Ontology:** | Hyperlink |
| **Gene Summary:** | This gene encodes a protein containing a SET domain, 2 LXXLL motifs, 3 nuclear translocation signals (NLSs), 4 plant homeodomain (PHD) finger regions, and a proline-rich region. The encoded protein enhances androgen receptor (AR) transactivation, and this enhancement can be increased further in the presence of other androgen receptor associated coregulators. This protein may act as a nucleus-localized, basic transcriptional factor and also as a bifunctional transcriptional regulator. Mutations of this gene have been associated with Sotos syndrome and Weaver syndrome. One version of childhood acute myeloid leukemia is the result of a cryptic translocation with the breakpoints occurring within nuclear receptor-binding Su-var, enhancer |

of zeste, and trithorax domain protein 1 on chromosome 5 and nucleoporin, 98-kd on chromosome 11. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq

**Other Designations:** androgen receptor-associated coregulator 267

### Gene Pathway

Lysine degradation

### Related Disease

Abnormalities, Multiple Attention Deficit Disorder with Hyperactivity Autistic Disorder Chromosome Breakage Chromosome Deletion Craniofacial Abnormalities Developmental Disabilities Endocrine System Diseases Facies Gigantism Growth Disorders Mental Disorders Mental Retardation Motor Skills Neuropsychological Tests Syndrome