



# 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

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## Datasheet

### ROS1 Split FISH Probe

**Catalog Number:** FS0015

**Regulatory Status:** For research use only (RUO)

**Product Description:** Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. ([Technology](#))

**Applications:** FISH-Ce, FISH-P  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Supplied Product:** DAPI Counterstain (1500 ng/mL)  
125 uL for each 100 uL FISH Probe

**Storage Instruction:** Store at 4°C in the dark.

**Entrez GeneID:** 6098

**Gene Symbol:** ROS1

**Gene Alias:** MCF3, ROS, c-ros-1

**Gene Summary:** This proto-oncogene, highly-expressed in a variety of tumor cell lines, belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. The protein encoded by this gene is a type I integral membrane protein with tyrosine kinase activity. The protein may function as a growth or differentiation factor receptor. [provided by RefSeq]

#### References:

1. Expression levels of ROS1/ALK/c-MET and therapeutic efficacy of cetuximab plus chemotherapy in advanced biliary tract cancer. Chiang NJ, Hsu C, Chen JS, Tsou HH, Shen YY, Chao Y, Chen MH, Yeh TS, Shan YS, Huang SF, Chen LT. *Sci Rep.* 2016 May 3;6:25369.
2. Identification of ROS1 rearrangement in gastric adenocarcinoma. Lee J, Lee SE, Kang SY, Do IG, Lee S, Ha SY, Cho J, Kang WK, Jang J, Ou SH, Kim KM *Cancer.* 2013 Feb 7. doi: 10.1002/cncr.27967.

3. ROS1 Receptor Tyrosine Kinase, a Druggable Target, is Frequently Overexpressed in Non-Small Cell Lung Carcinomas Via Genetic and Epigenetic Mechanisms. Lee HJ, Seol HS, Kim JY, Chun SM, Suh YA, Park YS, Kim SW, Choi CM, Park SI, Kim DK, Kim YH, Jang SJ. *Ann Surg Oncol.* 2012 Aug 23.