



# 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

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## MMP2 FISH Probe

Catalog # : FA0368

規格 : [ 200 uL ]

List All

### Specification

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

### Application Image

Fluorescent In Situ Hybridization (Cell)

### Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [4313](#)

**Gene Name:** MMP2

**Gene Alias:** CLG4, CLG4A, MMP-II, MONA, TBE-1

**Gene Description:** matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)

**Omim ID:** [120360](#), [277950](#), [605156](#)

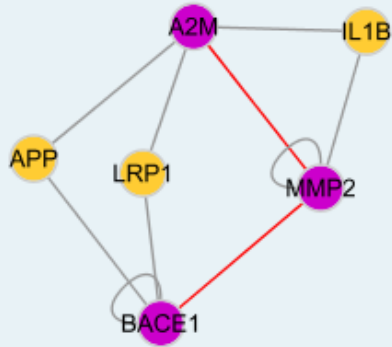
**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades type IV collagen, the major structural component of basement membranes. The enzyme plays a role in endometrial menstrual breakdown, regulation of vascularization and the inflammatory response. Mutations in this gene have been associated with Winchester syndrome and Nodulosis-Arthropathy-Osteolysis (NAO) syndrome. Two transcript variants encoding different isoforms have

been found for this gene. [provided by RefSeq]

**Other Designations:** collagenase type IV-A,matrix metalloproteinase 2,matrix metalloproteinase-II,neutrophil gelatinase

### Interactome



### Gene Pathway

[Bladder cancer](#) [GnRH signaling pathway](#) [Leukocyte transendothelial migration](#)  
[Pathways in cancer](#)

### Related Disease

[Acute Disease](#) [Adenocarcinoma](#) [Alzheimer Disease](#) [Alzheimer disease](#)  
[Aortic Aneurysm](#), [Abdominal Arthritis](#), [Rheumatoid Arthritis](#) [Atherosclerosis](#) [Atherosclerosis](#)  
[Atrial Fibrillation](#) [Breast cancer](#) [Breast Neoplasms](#) [Bronchopulmonary Dysplasia](#) [Carcinoma](#)  
[Carcinoma, Ductal, Breast](#) [Carcinoma, Hepatocellular](#) [Carcinoma, Lobular](#)  
[Carcinoma, Non-Small-Cell Lung](#) [Carcinoma, Squamous Cell](#) [Cardiac Output, Low](#)

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