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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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](https://www.linkedin.com/company/szaboscandic) 

MSH6 FISH Probe

Catalog # : FA0066

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: [2956](#)

Gene Name: MSH6

Gene Alias: GTBP,HNPCC5,HSAP

Gene Description: mutS homolog 6 (E. coli)

Omim ID: [600678](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a protein similar to the MutS protein. In E. coli, the MutS protein helps in the recognition of mismatched nucleotides, prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein of this gene combines with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene have been identified in individuals with hereditary nonpolyposis colon cancer (HNPCC) and endometrial cancer. [provided by RefSeq]

Other G/T mismatch-binding protein,mutS homolog 6,sperm-associated

Designations: [protein](#)

Gene Pathway

[Colorectal cancer](#) [Mismatch repair](#) [Pathways in cancer](#)

Related Disease

[Adenocarcinoma](#) [Adenoma](#) [Adenomatous Polyposis Coli](#) [Anticipation, Genetic](#)
[Ataxia telangiectasia](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Carcinoma, Papillary](#)
[Chromosomal Instability](#) [Colon cancer](#) [Colonic Neoplasms](#) [Colonic Polyps](#)
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