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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SOD2 FISH Probe

Catalog # : FA0180

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: [6648](#)

Gene Name: SOD2

Gene Alias: IPO-B,MNSOD,Mn-SOD

Gene Description: superoxide dismutase 2, mitochondrial

Omim ID: [147460](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the iron/manganese superoxide dismutase family. It encodes a mitochondrial protein that forms a homotetramer and binds one manganese ion per subunit. This protein binds to the superoxide byproducts of oxidative phosphorylation and converts them to hydrogen peroxide and diatomic oxygen. Mutations in this gene have been associated with idiopathic cardiomyopathy (IDC), premature aging, sporadic motor neuron disease, and cancer. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations: Mn superoxide dismutase,OTTHUMP00000017530,OTTHUMP00000017531,indopheno

loxidase B,manganese superoxide dismutase,manganese-containing
superoxide dismutase,mangano-superoxide dismutase

Gene Pathway

[Huntington's disease](#)

Related Disease

[Acute Disease](#) [Adenocarcinoma](#) [Akathisia](#), [Drug-Induced Albuminuria](#) [Alcoholism](#)
[Alzheimer Disease](#) [Alzheimer disease](#) [Amphetamine-Related Disorders](#)
[Angina Pectoris](#), [Variant Arsenic Poisoning](#) [Arthritis](#), [Psoriatic Arthritis](#), [Reactive](#)
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