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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SOD2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006648-T03

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

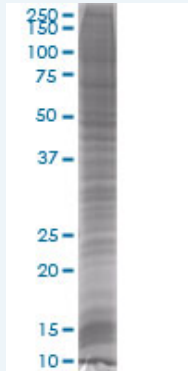
Plasmid: pCMV-SOD2 full-length

Host: Human

Theoretical MW (kDa): 15.51

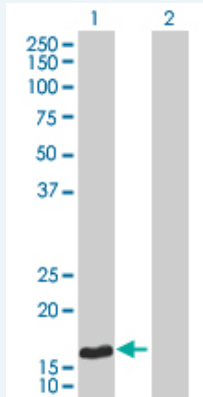
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-SOD2 antibody (H00006648-B03) by Western Blots.

SDS-PAGE Gel



SOD2 transfected lysate

Western Blot



Lane 1: SOD2 transfected lysate (15.51 KDa).

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

Western Blot

Gene Information

Entrez GeneID: [6648](#)

**GeneBank
Accession#:** [BC016934](#)

**Protein
Accession#:** [AAH16934](#)

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,indophenoloxidase 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](#)
[Arthritis](#), [Rheumatoid](#) [Asbestosis](#) [Asthma](#) [Asthma](#) [Ataxia telangiectasia](#) [Atherosclerosis](#)
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