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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SOD1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006647-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

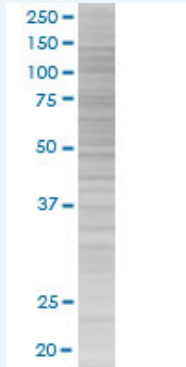
Plasmid: pCMV-SOD1 full-length

Host: Human

Theoretical MW (kDa): 17.05

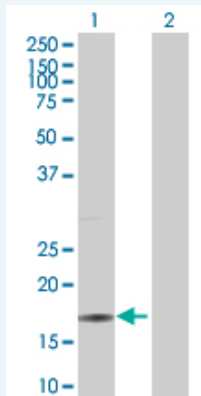
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-SOD1 antibody (H00006647-B01) by Western Blots.

SDS-PAGE Gel



SOD1 transfected lysate.

Western Blot



Lane 1: SOD1 transfected lysate (17.05 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.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [6647](#)

GeneBank [NM_000454.4](#)
Accession#:

Protein =
Accession#:

Gene Name: SOD1

Gene Alias: ALS,ALS1,IPOA,SOD,homodimer

Gene Description: superoxide dismutase 1, soluble

Omim ID: [105400](#), [147450](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis. Rare transcript variants have been reported for this gene. [provided by RefSeq]

Other Designations: Cu /Zn superoxide dismutase,Cu/Zn superoxide dismutase,SOD, soluble,indophenoxidase A,superoxide dismutase, cystolic

Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#) [Huntington's disease](#) [Prion diseases](#)

Related Disease

[Acute Disease](#) [Albuminuria](#) [Alzheimer Disease](#) [Alzheimer disease](#)
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