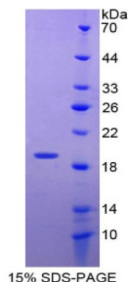


Mouse Superoxide Dismutase 1 (SOD1) Protein

Catalogue No.: abx069193



SDS-PAGE analysis of recombinant Mouse SOD1 Protein.

Mouse Superoxide Dismutase 1, Soluble (SOD1) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Superoxide Dismutase 1 (SOD1)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P08228 ([UniProt](#), [ExPASy](#))

Gene Symbol: SOD1

GenelD: [20655](#)

Datasheet

Version: 4.0.0
Revision date: 05 Jul 2025



KEGG: mmu:20655

String: [10090.ENSMUSP00000023707](#)

Molecular Weight: Calculated MW: 17.1 kDa
Observed MW (SDS-PAGE): 19 kDa

Sequence Fragment: Ala2-Gln154

Sequence: AMKAVCVLK GDGPVQGTIH FEQKASGEPV VLSGQITGLT EGQHG FHVHQ YGDNTQGCTS
AGPHFNPHSK KHGGPADEER HVGDLGNVTA GKDGVANVSI EDRVISLSGE HSIIGRTMVV
HEKQDDLKGK GNEESTKTGN AGSRLACGVI GIAQ

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.