

Recombinant Mouse Sod1 Protein, Myc/DDK-tagged

Cat. No. Sod1-6040M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length superoxide dismutase 1, soluble (Sod1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Destroys radicals which are normally produced within the cells and which are toxic to biological systems.
Molecular Mass	16.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Sod1 superoxide dismutase 1, soluble [Mus musculus (house mouse)]
Official Symbol	Sod1
Synonyms	Sod1; superoxide dismutase 1, soluble; I; Ip; SO; Sod; CuZn; Ipo1; SODC; Ipo-1; Sod-1; Cu/Zn-; CuZnSOD; Cu/Zn-SOD; B430204E11Rik; superoxide dismutase [Cu-Zn]; Cu(2+)-Zn2+ superoxide dismutase; EC 1.15.1.1
Gene ID	20655
mRNA Refseq	NM_011434
Protein Refseq	NP_035564
UniProt ID	P08228

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