

Recombinant Mouse Sod2 Protein, Myc/DDK-tagged

Cat. No. Sod2-6041M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length superoxide dismutase 2, mitochondrial (cDNA clone MGC:90127 IMAGE:6849521), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.
Molecular Mass	149.9 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	Sod2 superoxide dismutase 2, mitochondrial [Mus musculus (house mouse)]
Official Symbol	Sod2
Synonyms	Sod2; superoxide dismutase 2, mitochondrial; Mn; Sod; MnSOD; Sod-2; superoxide dismutase [Mn], mitochondrial; manganese SOD; manganese superoxide dismutase; EC 1.15.1.1
Gene ID	20656
mRNA Refseq	NM_013671
Protein Refseq	NP_038699
UniProt ID	P09671

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