

## Recombinant Mouse Sod2 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.
<b>Molecular Mass</b>	149.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Sod2 superoxide dismutase 2, mitochondrial [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Sod2
<b>Synonyms</b>	Sod2; superoxide dismutase 2, mitochondrial; Mn; Sod; MnSOD; Sod-2; superoxide dismutase [Mn], mitochondrial; manganese SOD; manganese superoxide dismutase; EC 1.15.1.1
<b>Gene ID</b>	20656
<b>mRNA Refseq</b>	NM_013671
<b>Protein Refseq</b>	NP_038699
<b>UniProt ID</b>	P09671

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