Recombinant Mouse Sod3 Protein, Myc/DDK-tagged

Cat. No. Sod3-6042M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length superoxide dismutase 3, extracellular (Sod3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protect the extracellular space from toxic effect of reactive oxygen intermediates by converting superoxide radicals into hydrogen peroxide and oxygen.
Molecular Mass	27.4 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	Sod3 superoxide dismutase 3, extracellular [Mus musculus (house mouse)]
Official Symbol	Sod3
Synonyms	SOD3; superoxide dismutase 3, extracellular; extracellular superoxide dismutase [Cu-Zn]; extracellular superoxide dismutase; EC-SOD; AI314465; MGC13799
Gene ID	20657
mRNA Refseq	NM_011435
Protein Refseq	NP_035565
UniProt ID	O09164

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