Recombinant Cynomolgus SOD1 Protein, His-tagged

Cat. No. SOD1-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus superoxide dismutase 1 Protein with C-terminal-His6 fusion tag and N-terminal-His6 fusion tag was expressed in E. coli.
Species	Macaca Fascicularis
Source	E.coli
ProteinLength	180
Description	Destroys radicals which are normally produced within the cells and which are toxic to biological systems.
Form	Buffered aqueous solution
Molecular Mass	19 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMAMKAVCVLKGDSPVQGTINFEQKESNGPVKVWG SITGLTEGLHGFHVHQFGDNTQGCTSAGPHFNPLSRQHGGPKDEERHVGDLGNVT AGKDGVAKVSFEDSVISLSGDHSIIGRTLVVHEKADDLGKGGNEESKKTGNAGGRLA CGVIGIAQHHHHHH
Endotoxin	1EU/ug by LAL
Purity	90% by SDS-PAGE

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Applications	Antigen for antibody production ELISA
Storage	Store it under sterile conditions at -20 to -80 ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.28 mg/ml
Storage Buffer	Solution in PBS, pH 7.4

GENE INFORMATION

Gene Name	SOD1
Official Symbol	SOD1
Synonyms	SUPEROXIDE DISMUTASE, CYTOSOLIC SUPEROXIDE DISMUTASE, SOLUBLE SOD, SOLUBLE SUPEROXIDE DISMUTASE, COPPER-ZINC INDOPHENOL OXIDASE A; IPOA
Gene ID	102118687
mRNA Refseq	AB220492.1
Protein Refseq	BAE73025.1
UniProt ID	Q8HXQ1

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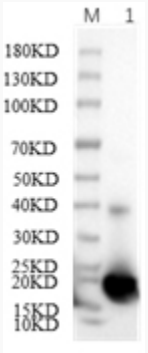
SDS-PAGE	
WB	

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