

## Recombinant Cynomolgus SOD1 Protein, His-tagged

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

### SPECIFICATION

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

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<b>Applications</b>	Antigen for antibody production ELISA
<b>Storage</b>	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	0.28 mg/ml
<b>Storage Buffer</b>	Solution in PBS, pH 7.4
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">SOD1</a>
<b>Official Symbol</b>	<a href="#">SOD1</a>
<b>Synonyms</b>	SUPEROXIDE DISMUTASE, CYTOSOLIC SUPEROXIDE DISMUTASE, SOLUBLE SOD, SOLUBLE SUPEROXIDE DISMUTASE, COPPER-ZINC INDOPHENOL OXIDASE A; IPOA
<b>Gene ID</b>	<a href="#">102118687</a>
<b>mRNA Refseq</b>	<a href="#">AB220492.1</a>
<b>Protein Refseq</b>	<a href="#">BAE73025.1</a>
<b>UniProt ID</b>	<a href="#">Q8HXQ1</a>

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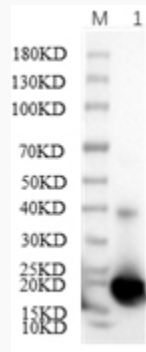
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**SDS-PAGE**



**WB**



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