

Recombinant Cynomolgus SOD1 Protein, His-tagged

Cat. No. SOD1-956C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus SOD1 protein with a His-tag was expressed in E. coli
Species	Cynomolgus
Source	E.coli
Description	Destroys radicals which are normally produced within the cells and which are toxic to biological systems.
Molecular Mass	The protein has a calculated MW of 19 kDa.
AA Sequence	MGSSHHHHHSSGLVPRGSHMAMKAVCVLKGDSPVQGTINFEQKESNGPVK VWG SITGLTEGLHGFHVHQFGDNTQGCT SAGPHFNPLSRQHGGPKDEERHVGDLGNVT AGKDGVAKV SFEDSVISLSGDHSIIGRTL VVHEKADDLGKGGNEESKKTGNAGGRLA CGVIGIAQH HHHHHH
Endotoxin	<1 EU/μg
Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.28 mg/mL

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Storage Buffer PBS pH7.4

GENE INFORMATION

Gene Name SOD1 superoxide dismutase 1, soluble [*Macaca mulatta* (Rhesus monkey)]

Official Symbol SOD1

Synonyms SOD1; superoxide dismutase 1, soluble; superoxide dismutase [Cu-Zn]; Cu,Zn-superoxide dismutase; superoxide dismutase 1, soluble (amyotrophic lateral sclerosis 1 (adult));

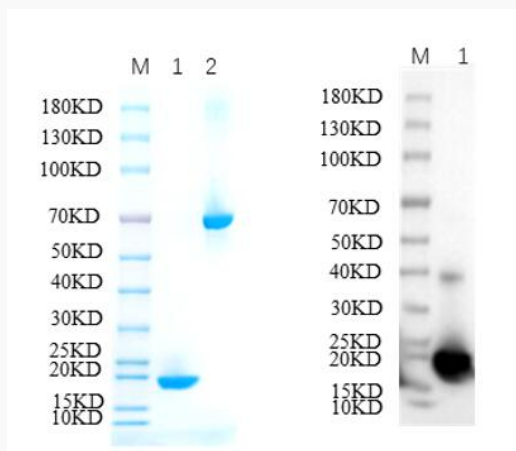
Gene ID 574096

mRNA Refseq NM_001032804

Protein Refseq NP_001027976

UniProt ID Q8HXQ1

SDS-PAGE:



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Reducing 12% SDS-PAGE and WB analysis profile of purified SOD

1. SOD
2. BSA

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