

## Superoxide Dismutase A from Bacterial, Recombinant

Cat. No. NATE-1659

Lot. No. (See product label)

### Introduction

**Description** Superoxide dismutase, Mn, also known as sodA, is a member of the iron/manganese superoxide dismutase family. SodA destroys radicals which are normally produced within the cells and which are toxic to biological systems. It works by catalyzing the dismutation of the superoxide radical O<sub>2</sub><sup>-</sup> to O<sub>2</sub> and H<sub>2</sub>O<sub>2</sub>, which are then metabolized to H<sub>2</sub>O and O<sub>2</sub> by catalase and glutathione peroxidase.

### Product Information

<b>Species</b>	Bacterial
<b>Source</b>	E. coli
<b>Form</b>	Liquid
<b>EC Number</b>	EC 1.15.1.1
<b>Molecular Weight</b>	25.2 kDa (226 aa, 1-206 aa + His Tag)
<b>Purity</b>	> 95% by SDS-PAGE
<b>Activity</b>	>350 units/mg