

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_2^- to O_2 and H_2O_2 , which are then metabolized to H_2O and O_2 by catalase and glutathione peroxidase.

Product Information

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