Creative Enzymes®

Zymosan A from Saccharomyces cerevisiae

Cat. No. LIGC-008

Lot. No. (See product label)

Introduction

Description	Zymosan is prepared from yeast cell wall and consists of protein-carbohydrate complexes. It is used to induce experimental sterile inflammation. In macrophages, zymosan-induced responses include the induction of proinflammatory cytokines, arachidonate mobilization, protein phosphorylation, and inositol phosphate formation. Zymosan A also raises cyclin D2 levels suggesting a role for the latter in macrophage activation besides proliferation. It potentiates acute liver damage after galactosamine injection suggesting that certain types of nonparenchymal cells other than Kupffer cells are involved in zymosan action.
Synonyms	Zymosan A

Product Information

Source	Saccharomyces cerevisiae
Form	Powder
CAS No.	58856-93-2
Solubility	It is not soluble in water, but can be suspended uniformly in saline solution.

Storage and Shipping Information

Storage	2-8°C
Stability	Zymosan is stable at least three years stored at 2-8°C.