Creative Enzymes®

Lipase from Thermomyces lanuginosus, recombinant

Cat. No. NATZ-138

Lot. No. (See product label)

Introduction

Description	Our Lipase is a 1,3-specific lipase derived from Thermomyces lanuginosus, serving as a highly effective catalyst for ester exchange, mutual esterification, ester hydrolysis, and ester deesterification reactions. This product exhibits high substrate selectivity, permitting the presence of large side chains and bulky groups on both the alcohol and acid functional groups of molecules. Commonly used in oil and fat modification, biodiesel production, detergent formulations, and flavor development in food applications.
Applications	Produces high-quality, trans fat-free oils suitable for manufacturing trans fat-free margarine and other products.

Product Information

Species	Thermomyces lanuginosus
Source	Aspergillus oryzae
Form	Yellow liquid
Activity	100 KLU/g
Optimum temperature	20-50 °C

Storage and Shipping Information

Storage	0-10 °C