Creative Enzymes®

Peptidoglycan from Micrococcus luteus

Cat. No. CSUB-0363

Lot. No. (See product label)

Introduction

Applications	Peptidoglycans are major components of bacterial cell walls, especially of gram-positve bacteria. Peptidoglycan are composed of alternating residues of β-(1,4) linked N-acetylglucosamine and N-acetylmuramic acid and peptide chains that create cross-linkage to create mesh structures. Peptidoglycans from different bacterial species can be compared to determine structural and compositional differences/variations and phylogenetic evolution. Peptidoglycans from different species may be used to differentiate and characterize peptidoglycan hydrolases.
Synonyms	PGN

Product Information

Substrates	Lysostaphin

Storage and Shipping Information

Storage	-20°C