

β-Mannosidase from Cellvibrio japonicus, Recombinant

Cat. No. NATE-1187

Lot. No. (See product label)

Introduction

Description Beta-mannosidase is an enzyme with system name beta-D-mannoside mannohydrolase. This enzyme catalyses the following chemical reaction:Hydrolysis of terminal, non-reducing beta-D-mannose residues in beta-D-mannosides. This gene encodes a member of the glycosyl hydrolase 2 family. The encoded protein localizes to the lysosome where it is the final exoglycosidase in the pathway for N-linked glycoprotein oligosaccharide catabolism. Mutations in this gene are associated with beta-mannosidosis, a lysosomal storage disease that has a wide spectrum of neurological involvement.

Synonyms β-mannosidase; mannanase; mannase; β-D-mannosidase; β-mannoside mannohydrolase; exo-β-D-mannanase; EC 3.2.1.25; 9025-43-8

Product Information

Source Cellvibrio japonicus NCIMB 10462

Form Supplied in 3.2 M ammonium sulphate

EC Number EC 3.2.1.25

CAS No. 9025-43-8

Molecular Weight 48581.4 Da

Purity > 95 % as judged by SDS-PAGE

Storage and Shipping Information

Storage Store at 4°C (shipped at room temperature)