

α-Rhamnosidase 78A from Streptomyces avermitilis, Recombinant

Cat. No. NATE-1510

Lot. No. (See product label)

Introduction

Description

A thermostable Alpha-L-Rhamnosidase (Naringinase, RhamA) that catalyzes the cleavage of the bond between terminal L (+)-rhamnose and the aglycone of rhamnose-containing glycosides. The enzyme is very active on naringin but has also substantial activity with hesperidin as substrate.

Synonyms

glycoside hydrolase; RhamA; naringinase; hesperidinase; α-L-rhamnosidase A; α-L-rhamnosidase N; α-L-rhamnoside rhamnohydrolase; EC 3.2.1.40

Product Information

Species

Streptomyces avermitilis

Source

E. coli

Form

35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl₂, 0.02% sodium azide and 25% (v/v) glycerol

EC Number

EC 3.2.1.40

CAS No.

37288-35-0

Molecular Weight

115 kDa

Purity

>90% as judged by SDS-PAGE

Concentration

1 mg/mL

Optimum pH

5

Optimum temperature

40 °C

Specificity

Undecorated rhamnogalacturonans

Storage and Shipping Information

Storage

This enzyme is shipped at room temperature but should be stored at -20 °C.