

## **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 CaCl<sub>2</sub>, 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.