

Native Pseudomonas sp. Keratanase

Cat. No. NATE-0364

Lot. No. (See product label)

Introduction

Description

Keratan-sulfate endo-1,4-beta-galactosidase (EC 3.2.1.103, endo-beta-galactosidase, keratan sulfate endogalactosidase, keratanase, keratan-sulfate 1,4-beta-D-galactanohydrolase) is an enzyme with system name keratan-sulfate 4-beta-D-galactanohydrolase. This enzyme catalyses the following chemical reaction: Endohydrolysis of (1->4)-beta-D-galactosidic linkages in keratan sulfate. Hydrolyses the 1,4-beta-D-galactosyl linkages adjacent to 1,3-N-acetyl-alpha-D-glucosaminyl residues.

Synonyms

Endo- β -galactosidase; endo- β -galactosidase; keratan sulfate endogalactosidase; keratanase; keratan-sulfate 1,4- β -D-galactanohydrolase; EC 3.2.1.103

Product Information

Source

Pseudomonas sp.

Form

lyophilized powder

EC Number

EC 3.2.1.103

CAS No.

55072-01-0

Unit Definition

One unit will liberate 1.0 μ mole of reducing sugar (measured as galactose) from keratan sulfate per hr at pH 7.4 at 37°C.

Usage and Packaging

Package

vial of >10 units

Storage and Shipping Information

Storage

-20°C