

## glycosylceramidase

Cat. No. EXWM-3926

Lot. No. (See product label)

### Introduction

**Description** Broad specificity [cf. EC 3.2.1.45 (glucosylceramidase) and EC 3.2.1.46 (galactosylceramidase)]. Also hydrolyses phlorizin to phloretin and glucose. The intestinal enzyme is a complex that also catalyses the reaction of EC 3.2.1.108 lactase.

**Synonyms** phlorizin hydrolase; phloretin-glucosidase; glycosyl ceramide glycosylhydrolase; cerebrosidase; phloridzin  $\beta$ -glucosidase; lactase-phlorizin hydrolase; phloridzin glucosidase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.2.1.62

**CAS No.** 9033-10-7

**Reaction** a glycosyl-N-acylsphingosine + H<sub>2</sub>O = a ceramide + a sugar

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.