

## sphingomyelin deacylase

Cat. No. EXWM-4388

Lot. No. (See product label)

### Introduction

#### Description

The enzyme is involved in the sphingolipid metabolism in the epidermis.

#### Synonyms

SM deacylase; GcSM deacylase; glucosylceramide sphingomyelin deacylase; sphingomyelin glucosylceramide deacylase; SM glucosylceramide GCer deacylase; SM-GCer deacylase; SMGCer deacylase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.5.1.109

#### Reaction

(1) an N-acyl-sphingosylphosphorylcholine + H<sub>2</sub>O = a fatty acid + sphingosylphosphorylcholine; (2) a D-glucosyl-N-acylsphingosine + H<sub>2</sub>O = a fatty acid + D-glucosyl-sphingosine

#### 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.