

## ginsenosidase type III

Cat. No. EXWM-3875

Lot. No. (See product label)

### Introduction

**Description** Ginsenosidase type III catalyses the sequential hydrolysis of the 3-O-β-D-(1→2)-glucopyranosyl bond followed by hydrolysis of the 3-O-β-D-glucopyranosyl bond of protopanaxadiol ginsenosides. When acting for example on ginsenoside Rb1 the enzyme first generates ginsenoside XVII, and subsequently ginsenoside LXXV.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.2.1.191

**Reaction** a protopanaxadiol-type ginsenoside with two glucosyl residues at position 3 + 2 H<sub>2</sub>O = a protopanaxadiol-type ginsenoside with no glycosidic modification at position 3 + 2 D-glucopyranose (overall reaction); (1a) a protopanaxadiol-type ginsenoside with two glucosyl residues at position 3 + H<sub>2</sub>O a protopanaxadiol-type ginsenoside with one glucosyl residue at position 3 + D-glucopyranose; (1b) a protopanaxadiol-type ginsenoside with one glucosyl residue at position 3 + H<sub>2</sub>O = a protopanaxadiol-type ginsenoside with no glycosidic modification at position 3 + D-glucopyranose

**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.