Creative Enzymes®

ginsenosidase type IV

Cat. No. EXWM-3878

Lot. No. (See product label)

Introduction

Description	Ginsenosidase type IV catalyses the sequential hydrolysis of the 6-O-β-D-(1→2)-glycosidic bond or the 6-O-α-D-(1→2)-glycosidic bond in protopanaxatriol-type ginsenosides with a disacchride attached to the C6 position, followed by the hydrolysis of the remaining 6-O-β-D-glycosidic bond (e.g. ginsenoside Re → ginsenoside Rg1 → ginsenoside F1).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.2.1.194
Reaction	a protopanaxatriol-type ginsenoside with two glycosyl residues at position 6 + 2 H2O = a protopanaxatriol-type ginsenoside with no glycosidic modification at position 6 + D-glucopyranose + a monosaccharide (overall reaction); (1a) a protopanaxatriol-type ginsenoside with two glycosyl residues at position 6 + H2O = a protopanaxatriol-type ginsenoside with a single glucosyl at position 6 + a monosaccharide; (1b) a protopanaxatriol-type ginsenoside with a single glucosyl at position 6 + H2O = a protopanaxatriol-type ginsenoside with no glycosidic modification at position 6 + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.