Creative Enzymes®

anthocyanidin 3-O-glucoside 6''-O-acyltransferase

Cat. No. EXWM-2161

Lot. No. (See product label)

Introduction

Description	Isolated from the plants Perilla frutescens and Gentiana triflora (clustered gentian). Acts on a range of anthocyanidin 3-O-glucosides, 3,5-di-O-glucosides and cyanidin 3-rutinoside. It did not act on delphinidin 3,3',7-tri-O-glucoside. Recombinant Perilla frutescens enzyme could utilize caffeoyl-CoA but not malonyl-CoA as alternative acyl donor.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.215
Reaction	4-hydroxycinnamoyl-CoA + an anthocyanidin 3-O-β-D-glucoside = CoA + an anthocyanidin 3-O-[6-O-(4-hydroxycinnamoyl)-β-D-glucoside]
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 ℃.