Creative Enzymes®

cyanidin-3-O-glucoside 2''-O-glucuronosyltransferase

Cat. No. EXWM-2484

Lot. No. (See product label)

Introduction

Description	The enzyme is highly specific for cyanidin 3-O-glucosides and UDP-α-D-glucuronate. Involved in the production of glucuronosylated anthocyanins that are the origin of the red coloration of flowers of Bellis perennis.
Synonyms	BpUGT94B1; UDP-glucuronic acid:anthocyanin glucuronosyltransferase; UDP-glucuronic acid:anthocyanidin 3-glucoside 2'-O-β-glucuronosyltransferase; BpUGAT; UDP-D-glucuronate:cyanidin-3-O-β-glucoside 2-O-β-glucuronosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.254
Reaction	UDP-α-D-glucuronate + cyanidin 3-O-β-D-glucoside = UDP + cyanidin 3-O-(2-O-β-D-glucuronosyl)-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 ℃.