

## 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- $\alpha$ -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- $\beta$ -glucuronosyltransferase; BpUGAT; UDP-D-glucuronate:cyanidin-3-O- $\beta$ -glucoside 2-O- $\beta$ -glucuronosyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.254

#### Reaction

UDP- $\alpha$ -D-glucuronate + cyanidin 3-O- $\beta$ -D-glucoside = UDP + cyanidin 3-O-(2-O- $\beta$ -D-glucuronosyl)- $\beta$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.