

## anthocyanidin 3-O-glucoside 5-O-glucosyltransferase

Cat. No. EXWM-2532

Lot. No. (See product label)

### Introduction

**Description** Isolated from the plants *Perilla frutescens* var. *crispa*, *Verbena hybrida*, *Dahlia variabilis* and *Gentiana triflora* (clustered gentian). It will also act on anthocyanidin 3-O-(6-O-malonylglucoside) and is much less active with hydroxycinnamoylglucose derivatives. There is no activity in the absence of the 3-O-glucoside group.

**Synonyms** UDP-glucose:anthocyanin 5-O-glucosyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.298

**Reaction** UDP- $\alpha$ -D-glucose + an anthocyanidin 3-O- $\beta$ -D-glucoside = UDP + an anthocyanidin 3,5-di-O- $\beta$ -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.