Creative Enzymes®

# luteolin-7-O-diglucuronide 4'-O-glucuronosyltransferase

*Cat. No. EXWM-2418*

*Lot. No.* (See product label)

## Introduction

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| **Description** | The enzyme participates in the biosynthesis of luteolin triglucuronide, the major flavone found in the photosynthetically-active mesophyll of the primary leaves of Secale cereale (rye). |
| **Synonyms** | uridine diphosphoglucuronate-luteolin 7-O-diglucuronide glucuronosyltransferase; UDP-glucuronate:luteolin 7-O-diglucuronide-glucuronosyltransferase; UDPglucuronate:luteolin 7-O-diglucuronide-4'-O-glucuronosyl-transferase; LDT; UDP-glucuronate:luteolin-7-O-β-D-diglucuronide 4'-O-glucuronosyltransferase |

## Product Information

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| **Form** | Liquid or lyophilized powder |
| **EC Number** | EC 2.4.1.191 |
| **CAS No.** | 115490-50-1 |
| **Reaction** | UDP-α-D-glucuronate + luteolin 7-O-[β-D-glucuronosyl-(1→2)-β-D-glucuronide] = UDP + luteolin 7-O-[β-D-glucuronosyl-(1→2)-β-D-glucuronide]-4'-O-β-D-glucuronide |
| **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

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| **Storage** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |