

## dinoflagellate luciferase

Cat. No. EXWM-0610

Lot. No. (See product label)

### Introduction

#### Description

A luciferase from dinoflagellates such as Gonyaulax polyedra, Lingulodinium polyedrum, Noctiluca scintillans, and Pyrocystis lunula. It is a single protein with three luciferase domains. The luciferin is strongly bound by a luciferin binding protein above a pH of 7.

#### Synonyms

(dinoflagellate luciferin) luciferase; Gonyaulax luciferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.13.12.18

#### CAS No.

303183-71-3

#### Reaction

dinoflagellate luciferin + O<sub>2</sub> = oxidized dinoflagellate luciferin + H<sub>2</sub>O + hν

#### 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.