

## 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 + hv

**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.