Creative Enzymes®

dinoflagellate luciferase

Cat. No. EXWM-0610

Lot. No. (See product label)

Introduction

Description	A luciferase from dinoflagelates 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 + O2 = oxidized dinoflagellate luciferin + H2O + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.