

## Luciferase, firefly

Cat. No.:	HY-P1004A
CAS No.:	61970-00-1
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.

## Luciferase, firefly

### BIOLOGICAL ACTIVITY

<b>Description</b>	Luciferase, firefly is the light-emitting enzyme responsible for the bioluminescence of fireflies and click beetles.
<b>In Vitro</b>	Firefly luciferase is the light-emitting enzyme responsible for the bioluminescence of fireflies and click beetles. The enzyme catalyses the oxidation of firefly luciferin, requiring oxygen and ATP. Because of the requirement of ATP, firefly luciferases have been used extensively in biotechnology.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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