

Recombinant Full Length Photuris pensylvanica (Firefly) Luciferase, Thermostable, His tagged

Cat. No. Luciferase-014P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant thermostable variant of Photuris pensylvanica (Firefly) Luciferase, also known as Luciferin 4-monooxygenase. Full length, encompassing amino acids 1-545(end). This construct contains a C-terminal His-tag (6×His) The recombinant protein was affinity purified.
Species	Firefly
Source	E.coli
ProteinLength	1-545 aa
Description	Produces green light with a wavelength of 562 nm.
Form	Aqueous buffer solution.
Molecular Mass	61 kDa
Purity	≥ 90%
Notes	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Storage	At least 6 months at -80 centigrade.

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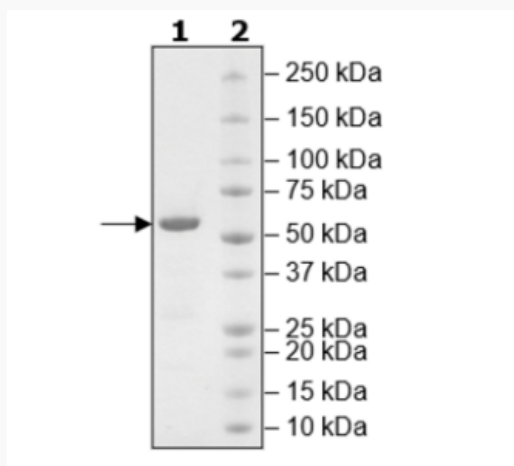
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Storage Buffer	40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 150 mM Imidazole and 20% glycerol.
Shipping	At -80 centigrade
Reference	1. DE Wet, J.R., et al., Molec. Cell. Bio. 1987 Feb; 7(2):725-737. 2. Brasier, AR., et al., Euro. PMC. 1989 Oct; 7(10):1116-1122.

GENE INFORMATION

Synonyms	Luciferase; Luciferin 4-monooxygenase; EC:1.13.12.7
UniProt ID	Q27757

WB



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