

# Recombinant Photinus pyralis Luciferase Protein (Met1-Lys548), N-His tagged

**Cat. No.** Luciferase-5683P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Photinus pyralis Luciferase (Met1-Lys548) fused with the N-terminal His tag was expressed in E. coli.                                                                       |
| <b>Species</b>          | Photinus pyralis                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Met1-Lys548                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 62.82 kDa                                                                                                                                                                               |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                        |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.                                                                                                               |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |

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|-----------------|--------------------------------------------------------------------------------|
| <b>Shipping</b> | They are shipped out with dry ice/blue ice unless customers require otherwise. |
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## GENE INFORMATION

|                        |            |
|------------------------|------------|
| <b>Official Symbol</b> | Luciferase |
|------------------------|------------|

|                 |                                                     |
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| <b>Synonyms</b> | Luciferin 4-monooxygenase; EC:1.13.12.7; Luciferase |
|-----------------|-----------------------------------------------------|

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| <b>UniProt ID</b> | <a href="#">P08659</a> |
|-------------------|------------------------|

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