

## Recombinant Aequorea victoria GFP Protein (Met1-Lys239), C-His tagged

**Cat. No.** GFP-1167A    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Enhanced GFP (Met1-Lys239) fused with the C-terminal His tag was expressed in E. coli.
<b>Species</b>	Aequorea victoria
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Lys239
<b>Description</b>	Energy-transfer acceptor. Its role is to transduce the blue chemiluminescence of the protein aequorin into green fluorescent light by energy transfer. Fluoresces in vivo upon receiving energy from the Ca <sup>2+</sup> -activated photoprotein aequorin.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	28.01 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 centigrade for twelve months from the date of receipt.

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<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.4, 50% glycerol, 0.05% proclin 300.
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<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>	GFP
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<b>Synonyms</b>	GFP; Green fluorescent protein; Enhanced GFP; eGFP
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<b>UniProt ID</b>	<a href="#">P42212</a>
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