

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

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

SPECIFICATION

Product Overview	Recombinant Enhanced GFP (Met1-Lys239) fused with the C-terminal His tag was expressed in E. coli.
Species	Aequorea victoria
Source	E.coli
ProteinLength	Met1-Lys239
Description	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 ²⁺ -activated photoprotein aequorin.
Form	Lyophilized powder/frozen liquid
Molecular Mass	28.01 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	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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Storage Buffer	Supplied as solution form in PBS pH 7.4, 50% glycerol, 0.05% proclin 300.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Official Symbol	GFP
Synonyms	GFP; Green fluorescent protein; Enhanced GFP; eGFP
UniProt ID	P42212