

Aequorea victoria Green fluorescent protein / GFP (His Tag)



Catalog Number: 504640

General Information

Protein Construction

A DNA sequence encoding the Aequorea victoria GFP (AAB65663) (Ser 2-Lys 238) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Aequorea victoria

Expression Host

E. coli

QC Testing

Activity

Activity Assay

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant Aequorea victoria GFP consisting of 253 amino acids and has a calculated

molecular mass of 28.7 kDa. It migrates as an 35 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Lyophilized from sterile PBS, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

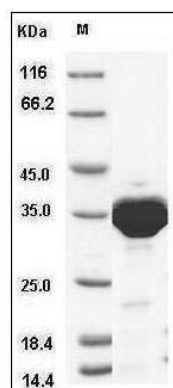
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Aequorea victoria GFP Protein (His Tag) SDS-PAGE