

Recombinant Aequorea victoria GFP protein(Met1-Leu238), His-tagged

Cat. No. GFP-1031A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Aequorea victoria GFP protein(AAB65663)(Met1-Leu238), fused with C-terminal His tag, was expressed in E. coli.
Species	Aequorea victoria
Source	E.coli
ProteinLength	Met1-Leu238
similar	GFP
Alias	GFP
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant Aequorea victoria GFPSpark™ consisting of 245 amino acids and has a calculated molecular mass of 27.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	
GeneNameWeblink	
OfficialSymbol	GFP
OfficialSymbolWeblink	
GenelD	
GenelDWeblink	
mRNARefseq	
mRNARefseqWeblink	
ProteinRefseqWeblink	
MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	

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