

Datasheet for ABIN7320941
GFP Protein (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	GFP
Origin:	Aequorea victoria
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GFP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Aequorea victoria GFP Protein (His Tag)
Sequence:	Ser 2-Lys 238
Characteristics:	A DNA sequence encoding the Aequorea victoria GFP (AAB65663) (Ser 2-Lys 238) was expressed, with a polyhistide tag at the N-terminus.
Purity:	> 90 % as determined by SDS-PAGE

Target Details

Target:	GFP
Alternative Name:	GFP (GFP Products)
Background:	Background: The green fluorescent protein (GFP) is a protein that exhibit bright green fluorescence when exposed to blue light. GFPspark™ is an improved variant of the green fluorescent protein GFP. It possesses bright green fluorescence (excitation/ emission max = 487 / 58 nm) that is visible earlier than fluorescence of other green fluorescent proteins.

Target Details

GFPSpark™ is mainly intended for applications where fast appearance of bright fluorescence is crucial. Its amazing ability to generate a highly visible, efficiently emitting internal fluorophore is both intrinsically fascinating and tremendously valuable. It is specially recommended for cell and organelle labeling and tracking the promoter activity.

Synonym: GFP

Molecular Weight: 28.7 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

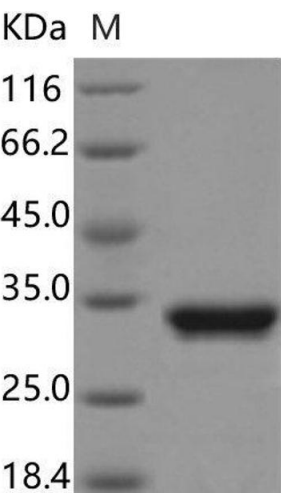
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.5

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.