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## Datasheet for ABIN7321050 GFP Protein

### Overview

Quantity:	100 µg
Target:	GFP
Origin:	Aequorea victoria
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant GFP Protein
Sequence:	Met1-Lys238
Characteristics:	A DNA sequence encoding the Aequorea victoria GFP Protein(P42212)(1-238)was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.

### Target Details

Target:	GFP
Alternative Name:	GFP ( <a href="#">GFP Products</a> )
Target Type:	Viral Protein
Background:	<p>Background: 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.</p> <p>Synonym: Green fluorescent protein</p>

## Target Details

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Molecular Weight: 26.9 kDa

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

Buffer: Lyophilized from sterile PBS, pH 7.5, 5 % trehalose, 5 % mannitol, 0.01 % tween-80.

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.