

[Go to Product page](#)

Datasheet for ABIN7505456 GFP Protein (AA 1-238)

Overview

Quantity:	100 µg
Target:	GFP
Protein Characteristics:	AA 1-238
Origin:	Aequorea victoria
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

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 (GFP Products)
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 Ca²⁺-activated photoprotein aequorin.</p> <p>Synonym: Green fluorescent protein</p>
Molecular Weight:	26.9 kDa

Target Details

UniProt: [P42212](#)

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4., 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.
Expiry Date:	12 months