



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Description:	Recombinant full-length <i>Aequorea victoria</i> green fluorescent protein (GFP), amino acids 2-238(end). This construct has a C-terminal His-tag (6xHis). This protein was affinity purified. GFP absorbs light at $\lambda=395$ and 470 nm, emits at $\lambda=509$ nm.
Background:	GFP (green fluorescent protein) presents green fluorescence, and it was first identified in <i>Aequorea Victoria</i> . It has become widely used in cell biology to monitor gene expression, protein localization, and protein-protein interactions. Its popularity prompted the development of mutants, such as the eGFP (enhanced GFP). Fluorescent proteins and their mutated forms, blue, cyan, and yellow have become useful and ubiquitous tools for making chimeric proteins, where they function as fluorescent protein tags. Typically, they tolerate N- and C-terminal fusion to a broad variety of proteins. They have been expressed in most known cell types and are used as a noninvasive fluorescent marker in living cells and organisms.
Species	<i>Aequorea victoria</i>
Construct:	GFP (1-238e-His)
Concentration:	0.71 mg/ml
Expression System:	<i>E. Coli</i>
Purity:	$\geq 90\%$
Format:	Aqueous buffer solution.
Formulated In:	40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 20% glycerol, 3 mM DTT, and 200 mM imidazole
MW:	27.9 kDa
Stability:	At least 6 months at -80°C .
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Applications:	Useful for SDS-PAGE.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining

