

Recombinant Aequorea victoria GFP Protein (His Tag)

Cat.NO.: TP06340

3th Edition

Synonyms:GFP

Description: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. 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.

Form:PBS

Molecular Weight:28.7 kDa

Sequences:Ser 2-Lys 238

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.