

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : BSA, Flamma® 581
- Catalog Number : RSC0110
- Packing Unit : 5 mg
- Appearance : Red Solid
- Storage Conditions : Protect from Light at -20 °C

2. Additional Information

- Fluorophore Label : Flamma® 581
- Reactive Group : BSA
- Absorption_{Max} : 581 nm
- Emission_{Max} : 596 nm

3. Description

BSA, Flamma® 581 is a fluorescence conjugated bovine serum albumin (BSA). Flamma® Fluor dyes display strong absorption, high fluorescence quantum yield and high photostability, and they maintain good fluorescence activity and stability after conjugated to biomolecules. The maxima of Ex/Em values are at 581/596 nm. Fluorescent BSA conjugates have been used in many applications such as quantitative studies of electroporation, measurement of plasma volume, intracellular protein processing. BioActs offers BSA, Flamma® 581 as a bright and photostable fluorescent tracer in various applications that require tracers having well-defined physical dimensions.