

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : Licopersicon Esculentum lectin FSD™ 647
- Catalog Number : SBN0001
- Packing Unit : 1 mg
- Appearance : Blue Liquid
- Storage Conditions : Protect from light, 4 °C

2. Additional Information

- Fluorophore Label : FSD Fluor™ 647
- Excitation_{Max} : 653 nm
- Emission_{Max} : 671 nm

3. Description

Lectin-FSD 647 is a fluorescence labeled carbohydrate binding protein or glycoprotein that FSD fluorophore is covalently attached to lectin. The maxima of Ex/Em values are at 653/671 nm. Lectins display high, specific affinity to sugar residues thereby enable to distinguish subtle alteration in glycosylation otherwise indistinguishable cells. FSD 647 is a bright red dye that developed by BioActs' cutting-edge technology displaying excellent optical property comparing to spectrally similar dyes. Fluorescence-conjugated lectins are versatile carbohydrate detecting probes in microscopy, histochemistry and flow cytometry. BioActs offers Lectin-FSD 647 for the identification of various cellular carbohydrates.