

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : Licopersicon Esculentum lectin FSDTM 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.

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. MATERIAL SAFETY DATA: Review the complete Material Safety Data Sheet before use Material Safety Data Sheet (MSDS), Certificate of Analysis (COA) and Technical Information are available at http://www.bioacts.com or upon request.