

Product Data Sheet

Product Name: FITC labeled Lycopersicon Esculentum (Tomato) Lectin
Cat. No.: GC19394

Chemical Properties

Cas. No.

Formula M.Wt ~71kDa

Solubility Storage Store at 2-8°C, protect from light, Valid for 1 year

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Tomato lectin (Lycopersicon Esculentum Lectin) (LEL) is a tetramer composed of four subunits. It is a highly specific lectin that binds to N-acetylglucosamine (GlcNAc) residues. The protein is purified from tomato seeds and is available in a 15% solution in water. LEL is a highly specific lectin that binds to N-acetylglucosamine (GlcNAc) residues. LEL is a highly specific lectin that binds to N-acetylglucosamine (GlcNAc) residues. PMA is a highly specific lectin that binds to N-acetylglucosamine (GlcNAc) residues.

FITC labeled Lycopersicon esculentum Ex/Em=495/515nm

- 1 [GlcNAc]1-3, N-Acetylglucosamine
- 2 F/P 2.0-5.0
- 3 10 mM HEPES, 0.15 M NaCl, pH 7.5, containing 0.1 mM Ca²⁺, 0.08% sodium azide and 5 mg/mL β-cyclodextrin
- 4 2mg/ml
- 5 Ex/Em=495/515nm

Caution: Product has not been fully validated for medical applications. For research use only.
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