

Active Native *Lycopersicon Esculentum* Lectin Protein, Fluorescein labeled

Cat. No. Lectin-1805L **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | This product is the Fluorescein labeled Tomato lectin from <i>Lycopersicon esculentum</i> and has sugar specificity against [GlcNAc]1-3, N-Acetylglucosamine. The excitation maximum is at 495 nm and the emission maximum is at 515 nm. |
| Species | <i>Lycopersicon Esculentum</i> |
| Source | <i>Lycopersicon Esculentum</i> |
| Description | Tomato lectin is a very stable single subunit glycoprotein containing about 50 percent arabinose and galactose and may form multimeric aggregates in solution. Tomato lectin, although sharing some specificities with potato lectin, Datura lectin, and wheat germ agglutinin, has been reported to be dissimilar in many respects. LEL binds well to glycophorin and Tamm-Horsfall glycoprotein and has been used effectively to label vascular endothelium in rodents. |
| Form | 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca ²⁺ , 5mg/ml β cyclodextrin |
| Bio-activity | Inhibiting/Eluting Sugar: Chitin Hydrolysate |
| Molecular Mass | 71 kDa |
| Applications | Immunofluorescence, Glycobiology |

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Usage The recommended concentration range for use is 5-20 g/ml.

Storage Refrigerate in the dark. If a precipitate forms upon long-term storage, warm to 37 centigrade.

Concentration 2 mg/ml

GENE INFORMATION

Synonyms Lectin; LEL; TL; Tomato Lectin

UniProt ID [G9M5T0](#)

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