

# Active Native Solanum Tuberosum Lectin Protein, Fluorescein labeled

**Cat. No.** Lectin-1843S    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Fluorescein labeled Solanum Tuberosum (Potato) Lectin and has sugar specificity against N-Acetylglucosamine. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
<b>Species</b>	Solanum Tuberosum
<b>Source</b>	Solanum Tuberosum
<b>Description</b>	This lectin binds oligomers of N-acetylglucosamine and some bacterial cell wall oligosaccharides containing N-acetylglucosamine and N-acetylmuramic acid. Although the carbohydrate binding specificity is similar to wheat germ agglutinin and Datura stramonium lectin, several differences have been reported for potato lectin.
<b>Form</b>	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca <sup>2+</sup>
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: Chitin Hydrolysate
<b>Molecular Mass</b>	100 kDa
<b>Applications</b>	Immunofluorescence, Glycobiology
<b>Storage</b>	Refrigerate in the dark. If a precipitate forms upon long-term storage, warm to 37 centigrade.

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**Concentration** 2 mg/ml

## GENE INFORMATION

**Synonyms** Lectin; STL; PL

**UniProt ID** [Q9S8M0](#)

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