

Active Native Solanum Tuberosum Lectin Protein

Cat. No. Lectin-1844S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Solanum Tuberosum (Potato) Lectin and has sugar specificity against N-Acetylglucosamine.
Species	Solanum Tuberosum
Source	Solanum Tuberosum
Description	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.
Bio-activity	Inhibiting/Eluting Sugar: Chitin Hydrolysate
Molecular Mass	100 kDa
Applications	Glycobiology
Storage	Refrigerate; for long term storage, aliquots may be stored frozen. or preserved with 0.08% sodium azide in the recommended buffer and stored at 4 centigrade
Reconstitution	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM Ca ²⁺ is recommended.

GENE INFORMATION

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Synonyms	Lectin; STL; PL
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UniProt ID	Q9S8M0
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