

## Active Native Lotus Tetragonolobus Lectin Protein, Fluorescein labeled

Cat. No. Lectin-1798L Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	This product is the Fluorescein labeled Lotus Tetragonolobus Lectin and has sugar specificity against Fucose, Arabinose. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
<b>Species</b>	Lotus tetragonolobus
<b>Source</b>	Lotus tetragonolobus
<b>Description</b>	Lotus tetragonolobus lectin is a family of closely related glycoproteins that appear to have similar specificities toward $\alpha$ -linked L-fucose containing oligosaccharides. Although many of the binding properties of Lotus lectin are similar to those of Ulex europaeus lectin I, the binding affinities and some specificities for oligosaccharides are significantly different between these fucose-specific lectins.
<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: 50 mM - 100 mM L-fucose
<b>Molecular Mass</b>	107 kDa
<b>Applications</b>	Immunofluorescence, Glycobiology
<b>Usage</b>	The recommended concentration range for use is 5-20 $\mu$ g/ml.

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<b>Storage</b>	Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade. and centrifuge before use.
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<b>Concentration</b>	2 mg/ml active conjugate
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## GENE INFORMATION

<b>Synonyms</b>	Lectin; LTL
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<b>UniProt ID</b>	<a href="#">P19664</a>
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