

Active Native Lotus Tetragonolobus Lectin Protein, Fluorescein labeled

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

SPECIFICATION

Product Overview	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.
Species	Lotus tetragonolobus
Source	Lotus tetragonolobus
Description	Lotus tetragonolobus lectin is a family of closely related glycoproteins that appear to have similar specificities toward α -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.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca^{2+}
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose
Molecular Mass	107 kDa
Applications	Immunofluorescence, Glycobiology
Usage	The recommended concentration range for use is 5-20 $\mu\text{g/ml}$.

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Storage

Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade. and centrifuge before use.

Concentration

2 mg/ml active conjugate

GENE INFORMATION**Synonyms**

Lectin; LTL

UniProt ID

[P19664](#)

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