

# Active Native Lotus Tetragonolobus Lectin Protein, Agarose bound

Cat. No. Lectin-1796L    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Agarose bound Lotus Tetragonolobus Lectin and has sugar specificity against Fucose, Arabinose
<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, pH 7.5, 0.15 M NaCl, 0.1 mM Ca <sup>2+</sup> , 0.01 mM Mn <sup>2+</sup> , 20 mM fucose, 0.08% sodium azide
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose
<b>Applications</b>	Glycobiology, Affinity Chromatography
<b>Usage</b>	1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin. 2, 50-200 mM L-fucose is recommended for elution of glycoconjugates which bind to this immobilized lectin.

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**Concentration** 3 mg/ml of settled gel

## GENE INFORMATION

**Synonyms** Lectin; LTL

**UniProt ID** [P19664](#)

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