

Active Native Lotus Tetragonolobus Lectin Protein, Agarose bound

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

SPECIFICATION

Product Overview	This product is the Agarose bound Lotus Tetragonolobus Lectin and has sugar specificity against Fucose, Arabinose
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, pH 7.5, 0.15 M NaCl, 0.1 mM Ca^{2+} , 0.01 mM Mn^{2+} , 20 mM fucose, 0.08% sodium azide
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose
Applications	Glycobiology, Affinity Chromatography
Usage	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
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GENE INFORMATION

Synonyms	Lectin; LTL
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UniProt ID	P19664
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