

Active Native Lotus Tetragonolobus Lectin Protein

Cat. No. Lectin-1747L Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is the Lotus Tetragonolobus Lectin and has sugar specificity against Fucose and 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 markedly different between these fucose-specific lectins.
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose
Molecular Mass	107 kDa
Purity	2 bands by SDS-PAGE corresponding to the subunits of the lectin.
Applications	Glycobiology
Storage	Refrigerate at 4 centigrade
Reconstitution	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 7.5 - 8.5, 0.1 mM Ca ²⁺ is recommended. Lectin bay

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be preserved with 0.04% sodium azide.

GENE INFORMATION

Synonyms

Lectin; LTL

UniProt ID

P19664

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