

Active Native Bauhinia Purpurea Lectin Protein

Cat. No. Lectin-1748B Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is the Bauhinia Purpurea Lectin and has sugar specificity against N-Acetylgalactosamine and Lactose.
Species	Bauhinia purpurea
Source	Bauhinia purpurea
Description	BPL binding appears to be highest for glycoconjugates containing galactosyl (β -1,3) N-acetylgalactosamine structures but oligosaccharides with a terminal α -linked N-acetylgalactosamine can also bind. Although binding specificity is similar to that of peanut agglutinin, tissue staining patterns of these two lectins are distinct.
Bio-activity	Inhibiting/Eluting Sugar: 100 mM lactose
Molecular Mass	195 kDa
Applications	Glycobiology, Mitogenic Stimulation
Storage	Refrigerate in the dark.
Reconstitution	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM Ca ²⁺ is recommended. For preserving solutions stored at 4 centigrade, 0.08% sodium azide can be used.

GENE INFORMATION

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Synonyms

Lectin; BPL

UniProt ID

P16030

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