

Active Native Maackia Amurensis Lectin I Protein

Cat. No. Lectin-1746M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Maackia Amurensis Lectin I and has sugar specificity against Galactose and Lactose.
Species	Maackia Amurensis
Source	Maackia Amurensis
Description	Maackia amurensis lectin I binds gal (β -1,4) glcNAc but tolerates substitution of N-acetyllactosamine with sialic acid at the 3 position of galactose. However, MAL I does not appear to bind this structure when substitution with sialic acid is on the 6 position of galactose.
Bio-activity	Inhibiting Sugar: 200 mM lactose
Molecular Mass	130 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; MAL I
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UniProt ID	P0DKL3
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