

Active Native Sambucus Nigra Lectin Protein, Agarose bound

Cat. No. Lectin-1837S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Agarose bound Sambucus Nigra Lectin and has sugar specificity against Sialic Acid.
Species	Sambucus nigra
Source	Sambucus nigra
Description	Sambucus nigra lectin, isolated from elderberry bark, binds preferentially to sialic acid attached to terminal galactose in α -2,6 and to a lesser degree, α -2,3 linkage. Binding is also inhibited to some extent by lactose or galactose. This lectin does not appear to bind sialic acid linked to N-acetylgalactosamine. SNA has been reported to inhibit cell-free protein synthesis.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.1 mM Ca^{2+} , 0.08% sodium azide, 20 mM lactose
Bio-activity	Carbohydrate-Binding Specificity: Sialic Acid
Molecular Mass	140 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin. 2, Suggested conditions for eluting glycoconjugates: 0.5 M lactose in buffered saline

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followed by 0.5 M lactose in 0.2 M acetic acid.

Storage	Refrigerate. DO NOT FREEZE.
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Concentration	3.0 mg/ml of settled gel
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GENE INFORMATION

Synonyms	Lectin; SNA; EBL
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UniProt ID	O04366
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