

## Active Native Sambucus Nigra Lectin Protein

**Cat. No.** Lectin-1745S    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	This product is the Sambucus Nigra Lectin and has sugar specificity against Sialic Acid.
<b>Species</b>	Sambucus nigra
<b>Source</b>	Sambucus nigra
<b>Description</b>	Sambucus nigra lectin, isolated from elderberry bark, binds preferentially to sialic acid attached to terminal galactose in $\alpha$ -2,6 and to a lesser degree, $\alpha$ -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.
<b>Bio-activity</b>	Elution: 500 mM lactose in buffered saline followed by 500 mM lactose in acetic acid. Binding inhibitors: Fetuin, human transferrin, bovine submaxillary mucin, porcine thyroglobulin, 6' sialylactose, 500 mM lactose.
<b>Molecular Mass</b>	140 kDa
<b>Applications</b>	Glycobiology
<b>Storage</b>	Refrigerate in the dark.
<b>Reconstitution</b>	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 <sup>2+</sup> is recommended. For

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preserving solutions stored at 4 centigrade, 0.08% sodium azide can be used.

## GENE INFORMATION

**Synonyms** Lectin; SNA; EBL

**UniProt ID** [O04366](#)

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