

## Active Native Sambucus Nigra Lectin Protein, Biotinylated

Cat. No. Lectin-1838S Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | This product is the Biotinylated 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>Form</b>             | 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca <sup>2+</sup> .   |
| <b>Bio-activity</b>     | Carbohydrate-Binding Specificity: Sialic Acid   |
| <b>Molecular Mass</b>   | 140 kDa   |
| <b>Applications</b>     | Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology  |
| <b>Usage</b>            | For most applications, we recommend a freshly prepared working solution of 10 g/ml in the above buffer  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



|                |   |
|----------------|---|
| <b>Storage</b> | Refrigerate; for long term storage, aliquots may be stored frozen. If a precipitate forms upon long-term storage, warm to 37 centigrade. and centrifuge before use. |
|----------------|---|

|                      |         |
|----------------------|---------|
| <b>Concentration</b> | 2 mg/ml |
|----------------------|---------|

## GENE INFORMATION

|                 |                  |
|-----------------|------------------|
| <b>Synonyms</b> | Lectin; SNA; EBL |
|-----------------|------------------|

|                   |                        |
|-------------------|------------------------|
| <b>UniProt ID</b> | <a href="#">O04366</a> |
|-------------------|------------------------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA