

Active Native Soybean Agglutinin Protein, Agarose bound

Cat. No. Lectin-1845S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Agarose bound Soybean Agglutinin and has sugar specificity against Galactose and N-Acetylgalactosamine.
Species	Soybean
Source	Soybean
Description	SBA preferentially binds to oligosaccharide structures with terminal α - or β -linked N-acetylgalactosamine, and to a lesser extent, galactose residues. Binding can be blocked by substitutions on penultimate sugars, such as fucose attached to the penultimate galactose in blood group B substance.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.1 mM Ca ²⁺ , 20 mM galactose, 0.04% sodium azide, 0.01 mM Mn ²⁺
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine
Molecular Mass	120 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	<ol style="list-style-type: none"> 1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin. 2, Suggested conditions for eluting glycoconjugates: 0.2 M galactose in buffered saline.

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Storage Refrigerate. DO NOT FREEZE.

Concentration 4.0 mg/ml of settled gel

GENE INFORMATION

Synonyms Lectin; SBA

UniProt ID [P05046](#)

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