

# Active Native Ricinus Communis Agglutinin I Protein, Agarose bound

**Cat. No.** Lectin-1830R    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Agarose bound Ricinus Communis Agglutinin I and has sugar specificity against galactose and lactose.
<b>Species</b>	Ricinus Communis
<b>Source</b>	Ricinus Communis
<b>Description</b>	This lectin consists of two subunits of 60 kDa which can be dissociated by reducing agents into closely related chains between 27 kDa and 33 kDa. One of the chains appears to be common to the “B” chain of another castor bean lectin, ricin, while the other chain is unique to RCA I. The B chain binds to galactose or N-acetylgalactosamine residues of membrane glycoconjugates.
<b>Form</b>	10 mM HEPES, pH 7.5, 0.15 M NaCl, 20 mM lactose, 0.08% sodium azide
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: 200 mM galactose or lactose Carbohydrate-Binding Specificity: Galactose, Lactose.
<b>Molecular Mass</b>	120 kDa
<b>Applications</b>	Glycobiology, Affinity Chromatography
<b>Usage</b>	1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin.

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2, EXERCISE CAUTION IN ITS USE! It has been found to have moderate toxicity in some animal models, but its toxicity to humans has not been fully determined, and a related protein, RCA 60, is highly toxic to humans. Never pipet solutions of this lectin by mouth. DO NOT LYOPHILIZE!

3, Suggested conditions for eluting glycoconjugates: 200 mM galactose or lactose.

<b>Storage</b>	Refrigerate. DO NOT FREEZE.
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<b>Concentration</b>	4.0 mg/ml of settled gel
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## GENE INFORMATION

<b>Synonyms</b>	Lectin; RCA I; RCA 120
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<b>UniProt ID</b>	<a href="#">P02879</a>
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