

Active Native Artocarpus integrifolia Jacalin Protein, Biotinylated

Cat. No. Lectin-1793A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Artocarpus integrifolia Jacalin and has sugar specificity against Galactose.
Species	Artocarpus integrifolia
Source	Artocarpus integrifolia
Description	Jacalin is a lectin composed of four subunits of approximately 16 kDa each. This lectin appears to bind only O-glycosidically linked oligosaccharides, preferring the structure galactosyl (β -1,3) N-acetylgalactosamine. This structure (the T-antigen) is the oligosaccharide to which peanut agglutinin (PNA) binds. However, unlike PNA, Jacalin will bind a mono- or disialylated form of this structure. This lectin has been used to purify human IgA. The specificity of this lectin also affords the opportunity to localize or isolate glycoproteins with O-glycosidically linked oligosaccharide side chains.
Bio-activity	Inhibiting/Eluting Sugar: 800 mM galactose or 100 mM melibiose
Molecular Mass	66 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology

GENE INFORMATION

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Synonyms

Lectin; Jacalin

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA