Native Sunn hemp Crotalaria juncea Lectin (CJL), Cy3-Conjugated

Cat. No. CJL-154S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Sunn hemp Crotalaria juncea Lectin (CJL) - Cy3 Blood Group Specificity: Non-specific Preferred Sugar Specificity: Gal > GalNAc Inhibiting or Eluting Sugar: Galactose Divalent Ions: None Required Excitation: 550 nm Emission: 570 nm Hazardous Shipping: Non-hazardous Fluorescence: Orange
Species	Sunn hemp
Source	Sunn hemp
Description	Purified CJL is conjugated to cyanine 3 (Cy3) fluorescent dye. Cyanine dyes are better able to withstand the harsh dehydration and embedding conditions required for mounting sections in non-polar plastic media, and are brighter in a non-polar environment than in an aqueous medium. Advantages of plastic over aqueous mounting media are brightness, contrast, and longevity of the fluorescence. Advantage of Cy3 conjugates are bright and photostable in the aqueous environment as well as in non-polar media. Cy3 has an approximate peak excitation wavelength of 550 nm and an emission wavelength at 570 nm. This product comes in a stabilized liquid form.

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

Form	Liquid
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

Official Symbol	CJL
Synonyms	Crotalaria juncea Lectin; CJL

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