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

Cat. No. CJL-105S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Sunn hemp Crotalaria juncea Lectin (CJL) - Colloidal Gold 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
Species	Sunn hemp
Source	Sunn hemp
Description	Purified CJL is conjugated to colloidal gold. The surface of the colloidal gold particle displays both electrostatic and hydrophobic properties. For conjugation to gold sol, the electrostatic interactions must be reduced so that the hydrophobic interactions can succeed. The pH of the gold sol is adjusted to give the net charge of the protein zero, or slightly negative. This prevents the aggregation of the protein due to electrostatic attraction while maintaining the hydrophobic interactions. This product comes in a stabilized liquid form and is suitable for light and electron microscopy.
Form	Liquid

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

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

GENE INFORMATION

Official Symbol	CJL
Synonyms	Crotalaria juncea Lectin; CJL

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