

Native Sunn hemp Crotalaria juncea Lectin (CJL)

Cat. No. CJL-607S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Sunn hemp Crotalaria juncea Lectin (CJL) - Pure Blood Group Specificity: A Preferred Sugar Specificity: Gal > GalNAc Inhibiting or Eluting Sugar: Galactose Divalent Ions: None Required Hazardous Shipping: Non-hazardous
Species	Sunn hemp
Source	Sunn hemp
Description	Crotalaria juncea lectin (CJL) is isolated from Sunn hemp and purified by affinity chromatography. Sunn hemp is cultivated as a green fertilizer crop in a rotation cycle to improve soil conditions, help control of erosion, suppress weeds and reduce soil nematodes. Crotalaria juncea lectin has a molecular weight of 124,000 and is composed of four identical polypeptide chains determined by SDS-PAGE. CJL has blood group A specificity and an isoelectric point of pH 8.8. This lectin displays specificity of galactose over GalNAc and elutes with galactose. CJL interacts with serum glycoproteins, cytochrome b5 and virus surface glycoproteins (BVDV, influenza and bovine diarrhea).
Form	Lyophilized
Molecular Mass	124 kDa

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Applications	Virus glycoprotein studies, Purification of bovine diarrhea virus
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Storage	At -20 centigrade.
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GENE INFORMATION

Official Symbol	CJL
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Synonyms	Crotalaria juncea Lectin; CJL
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