

Active Native Griffonia Simplicifolia Lectin II Protein, Agarose bound

Cat. No. Lectin-1787G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Agarose bound Griffonia Simplicifolia Lectin II and has sugar specificity against N-Acetylglucosamine.
Species	Griffonia Simplicifolia
Source	Griffonia Simplicifolia
Description	This lectin is a dimeric glycoprotein composed of two subunits of nearly identical size with each subunit having disulfide-linked chains and a binding site for α - or β -linked N-acetylglucosamine residues. Unlike other N-acetylglucosamine specific lectins, increasing the number of N-acetylglucosamine residues beyond two does not improve affinity. GSL II has been reported to be unique in its ability to recognize exclusively α - or β -linked N-acetylglucosamine residues on the nonreducing terminal of oligosaccharides.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 20 mM GlcNAc, 0.08% sodium azide
Bio-activity	Inhibiting/Eluting Sugar: Chitin Hydrolysate or 200 mM N-acetylglucosamine
Molecular Mass	113 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	Wash gel thoroughly with buffer before use to remove sugar added to stabilize the

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lectin.

Recommended conditions to elute bound glycoconjugates: 0.2M N-acetylglucosamine in buffered saline or Chitin Hydrolysate

Storage Refrigerate. DO NOT FREEZE.

Concentration 3.0 mg/ml of settled gel

GENE INFORMATION

Synonyms Lectin; GSL II; BSL II

UniProt ID [Q41263](#)

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