



# **GRIFFONIA (BANDEIRAEA) SIMPLICIFOLIA LECTIN II (GSL II, BSL II), UNCONJUGATED**

**SKU:** L-1210-5



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## **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  $\alpha$ - or  $\beta$ -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  $\alpha$ - or  $\beta$ -linked N-acetylglucosamine residues on the nonreducing terminal of oligosaccharides.

## **SPECIFICATIONS**

<b>Molecular Weight</b>	113
<b>Extinction Coefficient</b>	1.25
<b>Inhibiting or Eluting Sugar</b>	GlcNAc

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**



<b>Unit Size</b>	5 mg
<b>Storage Instructions</b>	2-8 °C
<b>Sugar Specificity</b>	Terminal GlcNAc-β, Chitin oligomers, and terminal GlcNAc-α
<b>Usage Summary</b>	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM CaCl <sub>2</sub> is recommended. For preserving solutions stored at 4 °C, 0.8% sodium azide can be used. DO NOT VORTEX.
<b>Applications</b>	Glycobiology
<b>Conjugate</b>	Unconjugated

## TECHNICAL INFORMATION

Inhibiting/Eluting Sugar: Chitin Hydrolysate or 200 mM *N*-acetylglucosamine

## CITATIONS



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## DOCUMENTS

- [Lectins in Histochemistry, ELISA, and Western Blot Applications](#)
- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES

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[Griffonia \(Bandeiraea\) Simplicifolia Lectin II \(GSL II, BSL II\), Unconjugated](https://vectorlabs.com/products/unconj-griffonia-simplicifolia-lectin-ii/)

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