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

SKU: L-1210-5



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.

SPECIFICATIONS

Molecular Weight	113
Extinction Coefficient	1.25
Inhibiting or Eluting Sugar	GlcNAc

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

Unit Size	5 mg
Storage Instructions	2-8 °C
Sugar Specificity	Terminal GlcNAc-β, Chitin oligomers, and terminal GlcNAc-a
Usage Summary	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM CaCl2 is recommended. For preserving solutions stored at 4 ºC, 0.8% sodium azide can be used. DO NOT VORTEX.
Applications	Glycobiology
Conjugate	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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