

Active Native Griffonia Simplicifolia Lectin II Protein

Cat. No. Lectin-1790G Lot. No. (See product label)

SPECIFICATION

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| Product Overview | This product is the unconjugated 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. |
| Bio-activity | Inhibiting/Eluting Sugar: Chitin Hydrolysate or 200 mM N-acetylglucosamine |
| Molecular Mass | 113 kDa |
| Applications | Glycobiology |
| Reconstitution | Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM Ca ²⁺ is recommended. For preserving solutions stored at 4 centigrade, 0.8% sodium azide can be used. |

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GENE INFORMATION

Synonyms Lectin; GSL II; BSL II

UniProt ID [Q41263](#)

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