Native Bandeiraea Griffonia simplicifolia Lectin (GSL II), Ferritin-Conjugated

Cat. No. GSL II-267B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bandeiraea Griffonia simplicifolia Lectin (GSL II) - Ferritin Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-N-Acetylglucosamine, β-N-Acetylglucosamine Inhibiting or Eluting Sugar: Chitin Hydrolysate or N-Acetylglucosamine Divalent Ions: Ca++, Mn++ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Bandeiraea
Source	Bandeiraea
Description	GSL II is affinity purified tetramer that contains a single type of 30 kDa subunit. It has insecticidal structure/function, the first GlcNAc binding legume lectin proven to have insecticidal activity. This lectin shows specificity for blood group A(-SA) greater than blood group B(-SA). Griffonia simplicifolia Lectin (GSL II) is conjugated to ferritin, that has a molecular weight of 474,000 g/mol (all 24 subunits combined). Ferritin-conjugated lectins can be used to visualize localization of specific saccharide moieties and examine the distribution of plasma membrane glycoproteins. These conjugates can be viewed via electron microscopy.
Form	Liquid

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Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	GSL II
Synonyms	Griffonia simplicifolia Lectin; GSL II

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