

Native *Bandeiraea Griffonia simplicifolia* Lectin (GSL I), HRP-Conjugated

Cat. No. GSL I-358B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native *Bandeiraea Griffonia simplicifolia* Lectin (GSL I) - HRP (Horseradish Peroxidase)

Blood Group Specificity: Non-specific

Preferred Sugar Specificity: α -Galactose, α -N-Acetylgalactosamine

Inhibiting or Eluting Sugar: Galactose, N-Acetylgalactosamine

Divalent Ions: Ca^{++} , Mn^{++}

Mitogenic Activity: No

Hazardous Shipping: Non-hazardous

Species

Bandeiraea

Source

Bandeiraea

Description

Griffonia simplicifolia lectin (GSL I) is affinity purified from a woody climbing shrub native to Africa. GSL I is composed of two types of subunits A and B that combine to form tetrameric structures, resulting in five isolectins. This lectin shows specificity for blood group B greater than blood group A1. GSL I has been reported to bind several glycoproteins including laminin. Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. *Griffonia simplicifolia* Lectin (GSL I) is conjugated to HRP at an appropriate ratio to provide optimal staining characteristics.

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Form	Liquid
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL
GENE INFORMATION	
Official Symbol	GSL I
Synonyms	Griffonia simplicifolia Lectin; GSL I

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