

Active Native Griffonia Simplicifolia Lectin I isolectin B4 Protein

Cat. No. Lectin-1786G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the unconjugated Griffonia Simplicifolia Lectin I isolectin B4 and has sugar specificity against Galactose.
Species	Griffonia Simplicifolia
Source	Griffonia Simplicifolia
Description	GSL I-B4 isolectin contains only the B subunits. It is a useful marker for endothelial cells from nonprimates such as mouse, rat, rabbit, and goat as well as a marker for non-peptidergic unmyelinated primary afferent neurons. This “B”-rich lectin preferentially agglutinates blood group B cells and is specific for α -galactose residues.
Bio-activity	This product will agglutinate blood group B glutaraldehyde-fixed human red blood cells at a concentration of 2 g/ml. No agglutination of blood group A, glutaraldehyde-fixed, human red blood cells occurred at concentrations up to 100 g/ml. Inhibiting Sugar: 500 mM galactose or 100 mM raffinose
Molecular Mass	114 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Glycobiology
Storage	Refrigerate in the dark.

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Reconstitution

Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM Ca²⁺ is recommended. For preserving solutions, stored at 4 centigrade, 0.08% sodium azide can be used.

GENE INFORMATION

Synonyms

Lectin; GSL I; BSL I

UniProt ID

[Q8W1R6](#)

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