

## Active Native *Bandeiraea simplicifolia* Isolectin B4 protein

**Cat. No.** BSI-B4-852    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Native <i>Bandeiraea simplicifolia</i> Isolectin B4 was isolated from Griffonia ( <i>Bandeiraea</i> ) <i>simplicifolia</i> seeds.                                                                                                          |
| <b>Species</b>          | <i>Bandeiraea simplicifolia</i>                                                                                                                                                                                                            |
| <b>Source</b>           | Griffonia <i>simplicifolia</i> seeds                                                                                                                                                                                                       |
| <b>Bio-activity</b>     | Agglutinates blood group B glutaraldehyde-fixed human red blood cells at a concentration of ~2 $\mu$ g/ml. No agglutination of blood group A, glutaraldehyde-fixed human red blood cells occurred at concentrations up to ~100 $\mu$ g/ml. |
| <b>Notes</b>            | Prepare fresh dilutions prior to each application. A dilution of 5-20 $\mu$ g/ml is recommended for most applications.                                                                                                                     |
| <b>Storage</b>          | Long Term Storage: +4 centigrade. Protect from light.                                                                                                                                                                                      |
| <b>Reconstitution</b>   | Reconstitute with 10mM HEPES, pH 8.5, containing 0.1mM Ca <sup>2+</sup> . For preservation at +4 centigrade add 0.08% sodium azide.                                                                                                        |

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