

# Active Native Phaseolus Vulgaris Leucoagglutinin Protein, Rhodamine labeled

**Cat. No.** Lectin-1730P    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Phaseolus Vulgaris Leucoagglutinin and has sugar specificity against galactose and complex structures. The excitation maximum is at 550 nm and the emission maximum is at 575 nm.
<b>Species</b>	Phaseolus Vulgaris
<b>Source</b>	Phaseolus Vulgaris
<b>Description</b>	Phaseolus vulgaris agglutinin is the name ascribed to a family of lectins, each of which consists of four subunits. There are two different types of subunits. One appears to be involved primarily in red cell agglutination and has been designated the "E" subunit (for erythroagglutinin). The other type is involved in lymphocyte agglutination and mitogenic activity and has been termed the "L" subunit (for leucoagglutinin). These subunits combine to produce five isolectins. PHA-L, with four "L" type subunits, does not agglutinate red cell but is a potent mitogen.
<b>Form</b>	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca <sup>2+</sup>
<b>Bio-activity</b>	Carbohydrate-Binding Specificity: Galactose, Complex Structures.
<b>Molecular Mass</b>	126 kDa
<b>Applications</b>	Immunofluorescence, Glycobiology

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**Usage** The recommended concentration range for use is 5-20 g/ml.

**Storage** Refrigerate in the dark.

**Concentration** 2.0 mg/ml

## GENE INFORMATION

**Synonyms** Lectin; PHA-L

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