

# Active Native Phaseolus Vulgaris Erythroagglutinin Protein, Fluorescein labeled

**Cat. No.** Lectin-1820P    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Fluorescein labeled Phaseolus Vulgaris Erythroagglutinin (PHA-E) and has sugar specificity against Galactose, and Complex Structures. The excitation maximum is at 495 nm and the emission maximum is at 515 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-E possesses strong hemagglutinating activity but is a poor 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> , 5mg/ml Beta-Cyclodextrin.
<b>Bio-activity</b>	Elution: 100 mM acetic acid
<b>Molecular Mass</b>	126 kDa
<b>Applications</b>	Immunofluorescence, Glycobiology

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<b>Usage</b>	The recommended concentration range for use is 5-20 g/ml.
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<b>Storage</b>	Refrigerate in the dark
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<b>Concentration</b>	2 mg/ml
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## GENE INFORMATION

<b>Synonyms</b>	Lectin; PHA-E
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<b>UniProt ID</b>	<a href="#">V5YN37</a>
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