

Active Native Erythrina Cristagalli Lectin Protein

Cat. No. Lectin-1775E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the unconjugated Erythrina Cristagalli Lectin and has sugar specificity to Galactose, N-Acetylgalactosamine, and Lactose.
Species	Erythrina cristagalli
Source	Erythrina cristagalli
Description	Erythrina cristagalli lectin consists of two different subunits of approximately 28 kDa and 26 kDa. The carbohydrate structure to which ECL binds is frequently found in membrane and serum glycoproteins of mammalian origin. Sialic acid substitution on this structure appears to prevent the lectin from binding. This specificity offers an opportunity to utilize agarose bound ECL to isolate or fractionate mammalian glycoproteins.
Bio-activity	Inhibiting/Eluting Sugar: 200 mM lactose
Molecular Mass	54 kDa
Applications	Glycobiology, Mitogenic Stimulation
Reconstitution	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM Ca ²⁺ is recommended. For preserving solutions, stored at 4 centigrade, 0.08% sodium azide can be used.

GENE INFORMATION

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Synonyms	Lectin; ECL; ECA
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UniProt ID	P83410
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