Active Native Aleuria Aurantia Lectin Protein

Cat. No. Lectin-1740A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Aleuria Aurantia Lectin and unlike Ulex europaeus and Lotus tetragonolobus lectins which prefer (α -1,2) linked fucose residues, Aleuria aurantia lectin binds preferentially to fucose linked (α -1,6) to N-acetylglucosamine or to fucose linked (α -1,3) to N-acetyllactosamine related structures. AAL also reversibly binds fucose attached to nucleic acids.
Species	Aleuria aurantia
Source	Aleuria aurantia
Description	This lectin is a dimer of two identical subunits of about 36 kDa each. Unlike Ulex europaeus and Lotus tetragonolobus lectins which prefer (α -1,2) linked fucose residues, Aleuria aurantia lectin binds preferentially to fucose linked (α -1,6) to N-acetylglucosamine or to fucose linked (α -1,3) to N-acetyllactosamine related structures. AAL also reversibly binds fucose attached to nucleic acids.
Bio-activity	Inhibiting/Eluting Sugar: 100 mM L-fucose
Molecular Mass	72 kDa
Applications	Glycobiology
Usage	The recommended concentration range for use is 1-10 g/ml.
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
UniProt ID	P18891

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