

## Active Native Aleuria Aurantia Lectin Protein

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

### SPECIFICATION

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