

Active Native Aleuria Aurantia Lectin Protein, Agarose bound

Cat. No. Lectin-1751A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Agarose bound Aleuria Aurantia Lectin and has sugar specificity against Fucose, Arabinose.
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
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 10 mM fucose, 0.08% sodium azide
Bio-activity	Binding Capacity: >4 mg of fucosyl glycoprotein/ml of gel
Molecular Mass	72 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin. 2, Recommended product for eluting glycoconjugates bound to this agarose-lectin: Glycoprotein Eluting Solution. Alternatively, 100 mM L-fucose in buffered saline can

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be used.

3, After use, wash the gel with several column volumes of buffered saline then resuspend gel in buffered saline containing 0.08% sodium azide for storage.

Storage	Refrigerate at 4 centigrade. DO NOT FREEZE.
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Concentration	2 mg/ml of settled gel
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GENE INFORMATION

Synonyms	Lectin; AAL
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UniProt ID	P18891
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