

Recombinant *Pseudomonas aeruginosa* galactophilic lectin, His tagged, Galactose Labeled

Cat. No. lecA-10P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The PA-I galactophilic lectin (lecA) is a recombinant galactose binding protein from <i>Pseudomonas aeruginosa</i> . It binds in decreasing order of affinity: melibiose, methyl-alpha-D-galactoside, D-galactose, methyl-beta-D-galactoside, N-acetyl-D-galactosamine. The PA-I galactophilic lectin (lecA) protein has an N-terminal 7 × His tag.
Species	<i>Pseudomonas aeruginosa</i>
Source	E.coli
Conjugation/Label	Galactose
Description	D-galactose specific lectin. Binds in decreasing order of affinity: melibiose, methyl-alpha-D-galactoside, D-galactose, methyl-beta-D-galactoside, N-acetyl-D-galactosamine. Similar to plant lectins in its selective (carbohydrate-specific) hemagglutinating activity.
Form	Liquid
Molecular Mass	14.2 kDa
AA Sequence	AWKGEVLANNEAGQVTSIIYNPGDVITIVAAGWASYGPTQKWGPQGDREHPDQGLI CHDAFCGALVMKIGNSGTIPVNTGLFRWVAPNNVQGAILIYNDVPGTYGNNSGSFS VNIGKDQS

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Purity	≥ 95% by SDS-PAGE
Applications	In vitro research use only
Storage	Short Term Storage: -20 centigrade Long Term Storage: -20 centigrade Avoid freeze/thaw cycle. Aliquot upon arrival.
Storage Buffer	10 mM PBS buffer, 50% glycerol, pH7.2
Concentration	0.5-1.0 mg/mL
Shipping	Cold packs

GENE INFORMATION

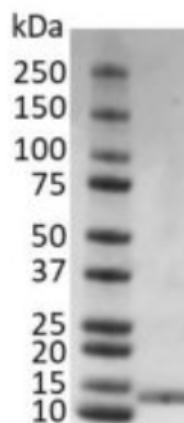
Gene Name	lecA PA-I galactophilic lectin [<i>Pseudomonas aeruginosa</i> PAO1]
Official Symbol	lecA
Synonyms	lecA; galactophilic lectin; PA-I galactophilic lectin; Product name confidence: class 1 (Function experimentally demonstrated in <i>P. aeruginosa</i>)
Gene ID	882335
Protein Refseq	NP_251260
UniProt ID	Q05097

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