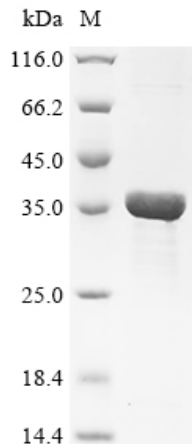


## Datasheet

<b>Product Name</b>	Recombinant Canavalia lineata Concanavalin-A
<b>Catalog Number</b>	<b>MBS1248974</b>
<b>Expression host</b>	<i>E.coli</i>
<b>Product Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Buffer</b>	Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4 The volume before lyophilization is 100 μl/vial.
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>AA sequence</b>	ADTIVAVELDTYPNTDIGDPSYPHIGIDIKSVRSKKTAKWNMQNGKVGTAHIIY NSVGKRLSAVVSYPNGDSATVSYDVLDLNVLPWVRVGLSASTGLYKETNTIL SWSFTSKLKSNSTHETNALHFVFNQFSKDQKDLILQGDATTGTDGNLELTRVSS NGSPQGNSVGRALFYAPVHIWESSAVVASFDATFTFLIKSSDSHPADGIAFFISNI DSSIPSGSTGRLLGLFPDAN

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## Certificate of Analysis

Product Name	Recombinant Canavalia lineata Concanavalin-A		
Catalog Number	MBS1248974		
Expression host	E.coli		
Product Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged		
Buffer	Lyophilized from a 0.2 μ m sterile filtered PBS, 6% Trehalose, pH 7.4 The volume before lyophilization is 100 μ l/vial.		
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.		
Batch Number	DC05440k1g0		
Nature	Canavalia lineata Concanavalin-A-(AA1-237)- <b>P81460</b> -Full Length		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 ℃, one week from the date of receipt	
	Long term	-20 to -80 ℃, twelve months from the date of receipt	
Form	Lyophilized powder		
Date of detection	2022.11.16		
Test Items	Specifications		Results
Purity	≥90%,by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		94%
Molecular Weight	Predicted band size: 32.9 kDa		Observed band size: 35 kDa

<b>Electrophoretic parameters</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.
<b>Aseptic Processing</b>	<p>Lyophilized protein has been sterile filtered prior to lyophilization.</p> <p>However, the lyophilization process could potentially compromise sterility and please follow the instruction below if customers need a sterile filtered protein.</p> <p>Please sterile filter reconstituted lyophilized proteins with a 0.22µm filter in a clean bench (or other sterile environment) after reconstitution.</p> <p>Customers could use it as reference.</p>
<b>Endotoxin Level</b>	Untreated
<b>Activity</b>	Not tested
<b>Conclusion</b>	pass

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