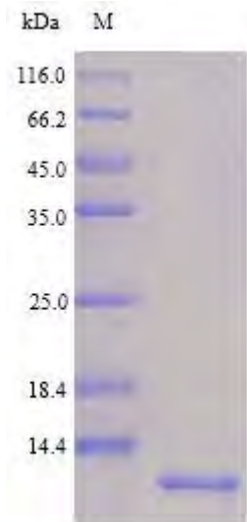


Certificate of Analysis

Product Name	Recombinant Zea mays ATP synthase subunit epsilon, mitochondrial		
Catalog Number	MBS1435180_COA		
Batch Number	03166		
Nature	Zea mays ATP synthase subunit epsilon, mitochondrial-(AA 1-70)- Q41898 -Full Length		
Purification	Affinity purified using IMAC		
Expression host	Baculovirus		
Buffer	0.2 μm Sterile Filtered 20 mM Tris-HCl, 0.5 M NaCl, pH 8.0, 20% glycerol		
Recommended Storage	Short term	2 to 8 °C, one week	
	Long term	-20 to -80 °C, six months	
Form	Liquid		
Date of manufacture	2016.08.25		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		0.8 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 11.77 kDa		Observed band size: 12 kDa

Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass
Activity	Not tested	
Conclusion	pass	

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