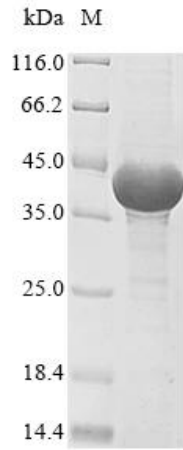


Certificate of Analysis

Product Name	Recombinant Dog Serine/threonine-protein phosphatase PP1-alpha catalytic subunit(PPP1CA)		
Catalog Number	MBS1471330		
Expression host	E.coli		
Product Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged		
Buffer	10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 20% glycerol		
Batch Number	03669		
Nature	Dog PPP1CA-(AA 2-330)-Q8WMS6-Full Length of Mature Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 °C, one week from the date of receipt	
	Long term	-20 to -80 °C, six months from the date of receipt	
Form	Liquid		
Date of detection	2018.01.10		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		2 mg/ml
Purity	≥85%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		85%
Molecular Weight	Predicted band size: 42.3 kDa		Observed band size: 42 kDa

Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.
Aseptic Processing	Not done
Endotoxin Level	Untreated
Activity	Not tested
Conclusion	pass

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