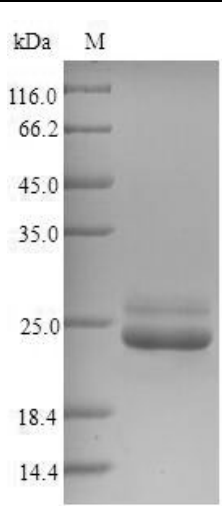


Certificate of Analysis

Product Name	Recombinant Arabidopsis thaliana 2-Cys peroxiredoxin BAS1, chloroplastic(BAS1)		
Catalog Number	MBS1404719_COA		
Expression host	Yeast		
Product Info	N-terminal 6xHis-tagged		
Buffer	20 mM Tris-HCl, 0.5 M NaCl, pH 8.0, 20% glycerol		
Batch Number	03089		
Nature	Mouse-ear cress BAS1-(AA 66-266)- Q96291 -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 manufacture	2016.06.09		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		1.2 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 24.31 kDa		Observed band size: 24 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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