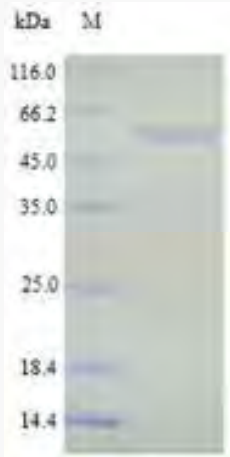
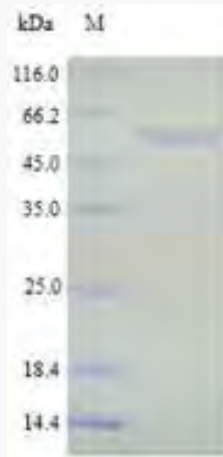


Certificate of Analysis

Product Name	Recombinant Staphylococcus aureus Clumping factor A(clfA) ,partial		
Catalog Number	AAA18783		
Expression host	E.coli		
Product Info	N-terminal 6xHis-SUMO-tagged		
Buffer	0.2 μ m Sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, pH 8.0,20% glycerol		
Batch Number	03178		
Nature	Staphylococcus aureus clfA -(AA 229-559)- Q5HHM8 -Partial 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	2016.09.06		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		2 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size : 52.0kDa		Observed band size: 52 kDa



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Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.		
Aseptic Processing	0.2 µm Sterile Filtered		
Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass	
Activity	Not tested		
Conclusion	pass		
Analyst		Date	
Corrector		Date	