Certificate of Analysis

Product Name	Recombinant Mouse Lymphocyte antigen 6G(Ly6g)				
Catalog Number	MBS1249825				
Expression host	Yeast				
Product Info	N-terminal 6xHis-tagged				
Storage Buffer	Lyophilized from a 0.2µm Sterile Filtered 20mM Tris-HCl, 0.5M NaCl, pH 8.0. The volume before lyophilization is 200ul/vial.				
Batch Number	03363				
Nature	Mouse Ly6g-(AA 4-96)-P35461-Full Length of Mature Protein				
Purification	Affinity purified using IMAC				
Form	Lyophilized powder				
Recommended Storage	Short term 2 to 8 °C, one week after reconstitution				
	Long term -20 to -80 °C, twelve months from the date of receipt				
Date of manufacture	2017.03.10				
Test Items	Specifications	79		Results	
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		kDa M 116.0 66.2 45.0 35.0	90%	
Molecular Weight	Predicted band size: 11.9 kDa		25.0 18.4 14.4	Observed band size:12 kDa	

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			

