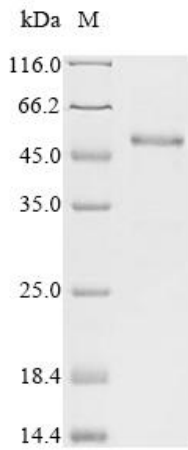


Certificate of Analysis

Product Name	Recombinant Human Cathepsin B(CTSB),partial		
Catalog Number	MBS717185		
Expression host	E.coli		
Product Info	N-terminal GST-tagged		
Buffer	20 mM Tris-HCl, 0.5 M NaCl, pH 8.0, 20% glycerol		
Batch Number	03591		
Nature	Human CTSB-(AA 82-333)- P07858 -Partial Protein		
Purification	Affinity purified using AC		
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	2017.10.24		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		0.2 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 54.6kDa		Observed band size: 54 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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