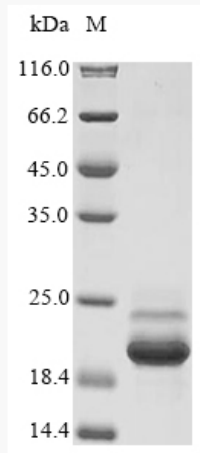


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Datasheet

Product Name	Recombinant Acinetobacter baumannii Beta-lactamase(NDM-1),partial
Catalog Number	AAA15920
Expression host	<i>E.coli</i>
Product Info	N-terminal 6xHis-SUMO-tagged
Storage Buffer	0.2 µm sterile filtered PBS, pH 7.4, 50% glycerol
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
AA sequence	AANGWVEPATAPNFGPLKVFYPGPGHTSDNITVGIDGTDIAFGGCLIKDSKAK SLGNLG
References	Gaut B.S., Morton B.R., Clegg M.T., Duvall M.R. Submitted (JAN-2018)

Certificate of Analysis

Product Name	Recombinant Acinetobacter baumannii Beta-lactamase(NDM-1),partial	
Catalog Number	MBS717124	
Expression host	<i>E.coli</i>	
Product Info	N-terminal 6xHis-SUMO-tagged	
Storage Buffer	0.2 µm sterile filtered PBS, pH 7.4, 50% glycerol	
Batch Number	03201	
Nature	Acinetobacter baumannii NDM-1-(AA 164-222)- F8UNN7 -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 detection	2023.07.14	
Test Items	Specifications	Results
Appearance	Clear Solution	pass
Concentration	0.1-5 mg/ml, by the Bradford Method.	1 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.	90%
Molecular Weight	Predicted band size: 22.0 kDa	Observed band size: 22 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	