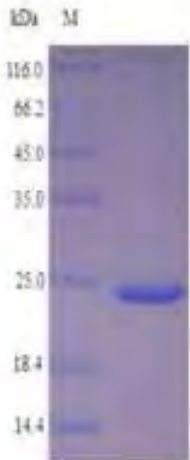
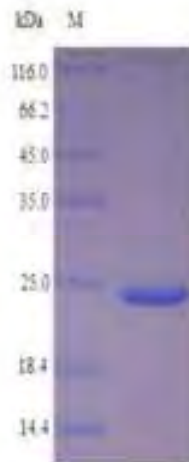


Certificate of Analysis

Product Name	Recombinant Atlantic salmon Vertebrate ancient opsin,Partial		
Catalog Number	MBS1150561		
Expression host	E.coli		
Product Info	N-terminal 6xHis-B ₂ M-tagged		
Buffer	10mM Tris-HCl,1mM EDTA, pH 8.0,50% glycerol		
Batch Number	03016		
Nature	Salmo salar Vertebrate ancient opsin-(AA 1-75)- O13018 - 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	2016.03.28		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		0.5mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size : 22.5kDa		Observed band size:24kDa



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		
Analyst		Date	
Corrector		Date	