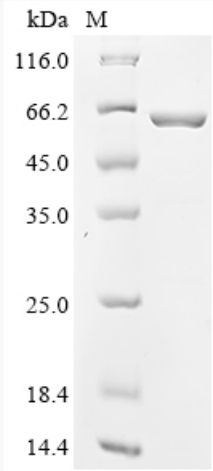


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Datasheet

Product Name	Recombinant Candida albicans Candidapepsin-9(SAP9)
Catalog Number	AAA18708
Expression host	<i>Yeast</i>
Product Info	N-terminal 6xHis-tagged
Buffer	Lyophilized from a 0.2 μm sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, 6%Trehalose, pH 8.0. The volume before lyophilization is 100 μl/vial, 1 vials.
Storage	Store at -20℃, for extended storage, conserve at -20℃ or -80℃.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4℃ for up to one week.
AA sequence	AKAPFKIDFEVRRGESKDDLSPEDDSNPRFVKRDGSLDMLTNKQTFYMATLKI GSNEDENRVLEDTGSSDLWVMShDLKCVSAPISKRNERSFGHGTGVKLNEREL MQKRKNLYQPSRTIETDEEKEASEKIHKNLFGFGSIYSTVYITEGPGAYSTFSPLV GTEGGSGGSGGSNTCRSYGSFNTENSDFKKNNTNDFEIQYADDTSAIGIWGYD DVTISNVTVKDLSFAIANETSSDVGVLGIGLPGLEVTTQLRYTYQNLPLKAD GIIAKSLYSLYLNTADAKAGSILFGAIDHAKYQGDLVTVKMMRTYSQISYPVRI QVPVLKIDVESSSGSTTNILSGTTGVVLDTGSTLSYVFSDTLQSLGKALNGQYSN SVGAYVVNCNLADSSRTVDIEFGGNKTIKVPISDLVLQASKSTCILGVMQQSSSS SYMLFGDNILRSAYIVYDLDDYEVSQAQVSYTNKESIEVIGASGITNSSGSGTTSS SGTSTSTSTRHSAGSIISNPVYGLLLSLLISYYVLV

Certificate of Analysis

Product Name	Recombinant Candida albicans Candidapepsin-9(SAP9)		
Catalog Number	AAA18708		
Expression host	Yeast		
Product Info	N-terminal 6xHis-tagged		
Buffer	Lyophilized from a 0.2 μ m sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, 6%Trehalose, pH 8.0. The volume before lyophilization is 100 μ l/vial,1 vials.		
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.		
Batch Number	DD05447a6g0		
Nature	Candida albicans SAP9-(AA 18-544)- O42779 -Full Length of Mature Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 ℃, one week from the date of receipt	
	Long term	-20 to -80 ℃, twelve months from the date of receipt	
Form	Lyophilized powder		
Date of detection	2022.11.23		
Test Items	Specifications		Results
Purity	≥90%,by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		93.9%
Molecular Weight	Predicted band size: 58.9 kDa		Observed band size: 63 kDa

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Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	
Aseptic Processing	Lyophilized protein has been sterile filtered prior to lyophilization. However, the lyophilization process could potentially compromise sterility and please follow the instruction below if customers need a sterile filtered protein. Please sterile filter reconstituted lyophilized proteins with a 0.22µm filter in a clean bench (or other sterile environment) after reconstitution. Customers could use it as reference.	
Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass
Activity	Not tested	
Conclusion	pass	