



Cyclopiazonic acid [KLH] (DAG5604)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Cyclopiazonic acid (CPA) is a toxic fungal secondary metabolite, originally found in <i>Penicillium cyclopium</i> and subsequently found in other fungi including <i>Penicillium griseofulvum</i> , <i>Penicillium commune</i> and <i>Aspergillus flavus</i> . It is also a food contaminant exists in cheeses, peanuts, rice, and feeds, and can cause weight loss, diarrhea and dehydration symptoms once be eaten. CPA can specifically inhibit SERCA ATPase in intracellular Ca^{2+} storage sites by keeping it in one specific confirmation, thus lowers the ability of SERCA ATPase to bind an ATP molecule.
Species	N/A
Conjugate	KLH
Applications	The antigen can be used in ELISA assay.
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M pH7.4 PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.