

Aed a 4 Circular RNA

Catalog Number:ALG-ORNA-0027

DESCRIPTION	
Product Name	Aed a 4 Circular RNA
Gene Name	Aed a 4
Source	In vitro transcribed mRNA was further circularized to make this product as a circular RNA.
Alternative names	alpha-glucosidase
SPECIFICATIONS	
Cap	
5'-UTR	
ORF	Aed a 4
3'-UTR	
Poly(A) Tail	
Modifications	
Neutral Lipid	1,2-distearoyl-sn-glycero-3-phosphocholine (DSPC)
Cholesterol	Cholesterol
Ionizable Lipid	1,2-dimyristoyl-rac-glycero-3-methoxypolyethylene glycol-2000 (PEG2000-DMG)
PEG-lipid	Heptadecan-9-yl 8-((2-hydroxyethyl)(8-(nonyloxy)-8-oxooctyl)amino)octanoate)(SM-102)
Storage	-80 °C
Buffer	PBS, pH7.31
Cryoprotectant	Trehalose
BACKGROUND	
Gene Accession	
Gene Alias	alpha-glucosidase
Background	Allergenicity reference:PubMed:17620829,PubMed:18220995,PubMed:25661054 Route of allergen exposure:Injection; Subjects were allergic to mosquito bites. 13 of 13 were positive to challenge bites of mosquito, Aedes aegypti, 18 controls were negative. 6 of 13 subjects were IgE binding positive to recombinant Aed a 4 by ELISA, 18 controls were negative. ELISA and ELISA inhibition were performed with native (extract of head and thorax) and recombinant Aed a 4 produced in baculovirus insect cell line.